Ltr: EMID-703004
Gen Surv PMR: EMID-703005
Base Flow PMR: EMID-703006

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

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November 30, 2023

Mr. Rick Shean
Designated Agency Manager
Hazardous Waste Bureau
New Mexico Environment Department
2905 Rodeo Park Drive East, Building 1
Santa Fe, NM 87505-6313

Subject: Submittal of the 2023 Annual Periodic Monitoring Reports for the General Surveillance Monitoring Group and Base-Flow Sampling

Dear Mr. Shean:

Enclosed please find two hard copies each with electronic files of the "2023 Annual Periodic Monitoring Report for the General Surveillance Monitoring Group: Los Alamos and Pueblo Canyon, Mortandad and Sandia Canyon, Water Canyon/Cañon de Valle, Ancho Canyon, White Rock Canyon, and Pajarito Canyon Watersheds" and the "2023 Annual Periodic Monitoring Report for Base-Flow Sampling: Los Alamos Canyon, Sandia Canyon, Water Canyon, White Rock Canyon, and Pajarito Canyon Watersheds."

The General Surveillance monitoring group periodic monitoring report (PMR) includes validated results from sampling campaigns performed during the fourth quarter of monitoring year (MY) 2022 through the third quarter of MY 2023.

The base-flow sampling PMR includes validated results from General Surveillance monitoring group base-flow locations for the fourth quarter of MY 2022 through the third quarter of MY 2023, and for Technical Area 16 260 base-flow locations for the fourth quarter of MY 2022 and the second quarter of MY 2023. In addition to results from the current periodic monitoring events (PMEs), results are reported for the previous four PMEs, as well as base-flow data that have not yet been reported because the validated laboratory data were not available at the time of the previous publications.

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 Christian Maupin at (505) 695-4281 (christian.maupin@em-la.doe.gov) or Hai Shen at (505) 709-7600 (hai.shen@em.doe.gov).

Sincerely,

Digitally signed by BRIAN HARCEK
Date: 2023.11.29 18:01:16 -07'00'

Arturo Q. Duran For
Compliance and Permitting Manager
U.S. Department of Energy
Environmental Management
Los Alamos Field Office

Enclosures: Two hard copies with electronic files:

1. 2023 Annual Periodic Monitoring Report for the General Surveillance Monitoring Group: Los Alamos and Pueblo Canyon, Mortandad and Sandia Canyon, Water Canyon/Cañon de Valle, Ancho Canyon, White Rock Canyon, and Pajarito Canyon Watersheds (EM2023-0749)
2. 2023 Annual Periodic Monitoring Report for Base-Flow Sampling: Los Alamos Canyon, Sandia Canyon, Water Canyon, White Rock Canyon, and Pajarito Canyon Watersheds (EM2023-0747)

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November 2023
EM2023-0749

2023 Annual Periodic Monitoring Report for the General Surveillance Monitoring Group: Los Alamos and Pueblo Canyon, Mortandad and Sandia Canyon, Water Canyon/ Cañon de Valle, Ancho Canyon, 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.

EM2023-0749

2023 Annual Periodic Monitoring Report for the General Surveillance Monitoring Group: Los Alamos and Pueblo Canyon, Mortandad and Sandia Canyon, Water Canyon/Cañon de Valle, Ancho Canyon, White Rock Canyon, and Pajarito Canyon Watersheds

November 2023

Responsible T2S program director:

Amanda White		Director	Water Program	11/22/2023
Printed Name	Signature	Title	Organization	Date

Responsible N3B program director:

Michael Erickson		Director	Water Program	11/22/2023
Printed Name	Signature	Title	Organization	Date

Responsible N3B representative:

Troy Thomson		Program Manager	N3B Environmental Remediation Program	11/22/2023
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Responsible DOE EM-LA representative:

Arturo Q. Duran	Digitally signed by BRIAN HARCEK Date: 2023.11.29 18:10:47 -07'00'	Compliance and Permitting Manager	Office of Quality and Regulatory Compliance	
Printed Name	Signature	Title	Organization	Date

EXECUTIVE SUMMARY

This annual periodic monitoring report (PMR) presents previously unreported validated results for the General Surveillance monitoring group, which is under the Newport News Nuclear BWXT-Los Alamos, LLC, groundwater monitoring program.

All monitoring work reported in this PMR was conducted pursuant to the “Interim Facility-Wide Groundwater Monitoring Plan for the 2022 Monitoring Year, October 2021–September 2022, Revision 1” (2022 IFGMP) and the “Interim Facility-Wide Groundwater Monitoring Plan for the 2023 Monitoring Year, October 2022–September 2023, Revision 1” (2023 IFGMP). Both documents were prepared in accordance with the 2016 Compliance Order on Consent.

All active monitoring locations in the General Surveillance monitoring group are located within the Los Alamos Canyon and Pueblo Canyon, Mortandad Canyon and Sandia Canyon, Water Canyon/ Cañon de Valle, Ancho Canyon, White Rock Canyon, and Pajarito Canyon watersheds. The General Surveillance monitoring group includes the monitoring of base flows; springs; and alluvial, perched-intermediate, and regional well and well screen locations. General Surveillance monitoring group base flow locations that are part of the monitoring groups included herein are reported within the 2023 annual Base Flow PMR.

This PMR presents monitoring results for 10 periodic monitoring events (PMEs) conducted during the fourth quarter of monitoring year (MY) 2022 and the first, second, and third quarters of MY 2023. Of the 10 PMEs reported in this PMR, 1 was conducted in the Los Alamos and Pueblo Canyon watershed, 3 in the Mortandad and Sandia Canyon watershed, 1 in the Water Canyon/Cañon de Valle watershed, 2 in the Ancho Canyon watershed, 2 in the White Rock Canyon watershed, and 1 in the Pajarito Canyon watershed.

In addition to results from these PMEs, results are reported from the previous four PMEs, as well as results from 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 General Surveillance PMR publications.

Groundwater samples collected during the PMEs were analyzed for all or some of the following analytical groups, as specified in the 2022 and 2023 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 tritium and low-level tritium); and general inorganic chemicals (including perchlorate). Additionally, all or some of the following field parameters were measured: dissolved oxygen, flow rate (in gallons per minute), oxidation-reduction potential, pH, specific conductance, temperature, and turbidity.

In this PMR, eight groundwater analytical results were detected at or above applicable screening values. These eight screening value exceedances were for the following five analytes: unfiltered benzo(a)anthracene; unfiltered dibenz(a,h)anthracene; unfiltered perfluorooctanesulfonic acid; filtered iron; and unfiltered strontium-90.

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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
CFA	Cape Fear Analytical, LLC, Wilmington, NC, Division of the GEL Group
COC	chain of custody
Consent Order	Compliance Order on Consent
CV	casing volume
DO	dissolved oxygen
DOE	Department of Energy (U.S.)
DP	Delta Prime
DQO	data quality objective
EIM	Environmental Information Management (system)
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
ID	identification
IFGMP	Interim Facility-Wide Groundwater Monitoring Plan
LCMS/MS	liquid chromatography mass spectrometry/mass spectrometry
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
NMED	New Mexico Environment Department
NMWQCC	New Mexico Water Quality Control Commission
NTU	nephelometric turbidity unit
PEB	performance evaluation blank

PFAS	per- and polyfluoroalkyl substances
PFOA	perfluorooctanoic acid
PFOS	perfluorooctanesulfonic acid
PME	periodic monitoring event
PMR	periodic monitoring report
QA	quality assurance
QC	quality control
S	screen
SAP	sampling and analysis plan
SOP	standard operating procedure
SU	standard unit
SVOC	semivolatile organic compound
SWMU	solid waste management unit
TA	technical area
UF	unfiltered
USFS	U.S. Forest Service
VOC	volatile organic compound
Y	yes (best-value flag code)

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	2023	3	6/5/2023	6/20/2023
Mortandad and Sandia Canyon	2022	4	7/15/2022	7/22/2022
	2023	1	11/3/2022	11/4/2022
		3	5/11/2023	5/11/2023
Water Canyon/Cañon de Valle	2023	2	3/29/2023	3/29/2023
Ancho Canyon	2022	4	9/9/2022	9/9/2022
	2023	2	2/13/2023	3/1/2023
White Rock Canyon	2023	1	10/3/2022	10/13/2022
		3	4/18/2023	4/18/2023
Pajarito Canyon	2023	2	2/13/2023	3/1/2023

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) 2022 and the first, second, and third quarters of MY 2023.

In addition to results from the 10 PMEs listed in the table above, results are reported for the previous 4 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 General Surveillance PMR publications.

The PMEs reported in this PMR included sampling of base flow, spring, and alluvial, perched-intermediate, and regional groundwater wells, and well screen locations pursuant to the “Interim Facility-Wide Groundwater Monitoring Plan for the 2022 Monitoring Year, October 2021–September 2022, Revision 1” (hereafter referred to as the 2022 IFGMP) (N3B 2021, 701672) and the “Interim Facility-Wide Groundwater Monitoring Plan for the 2023 Monitoring Year, October 2022–September 2023, Revision 1” (hereafter referred to as the 2023 IFGMP) (N3B 2022, 702346), both prepared in accordance with the 2016 Compliance Order on Consent (Consent Order). Base flow locations will be reported within the 2023 Annual Base Flow PMR.

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. Screening values for evaluating IFGMP monitoring data are derived from 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 pose an unacceptable risk.

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 2022 IFGMP (N3B 2021, 701672) and 2023 IFGMP (N3B 2022, 702346) 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 (screening levels). 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 have decreased 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 Los Alamos National Laboratory (the Laboratory), as expressed at the springs in White Rock Canyon.

This annual PMR presents General Surveillance monitoring group results for the Los Alamos and Pueblo Canyon (Figure 1.1-2), Mortandad and Sandia Canyon (Figure 1.1-3), Water Canyon/ Cañon de Valle and Ancho Canyon (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 Delta Prime (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 Canyons)	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 Canyon)	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 and the TA-16 260 Outfall (hereafter 260 Outfall), as well as other TA-16 sites. The 260 Outfall is a former high explosives machining outfall. TA-16 developed explosive formulations, cast and machined explosive charges, and assembled test explosives 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 Watershed

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 portion of the watershed upcanyon from NM 4 and White Rock, which is 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/Cañon de Valle and Ancho Canyon Watersheds

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 (the eastern Jemez Mountains) 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.

Tributaries within Water Canyon/Cañon de Valle include Martin Spring, Fishladder, Indio, Potrillo, and Fence Canyons, and numerous smaller tributary canyons.

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 then 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. Approximately 65% of the Water Canyon watershed (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.

Both Ancho Canyon and the north fork of Ancho Canyon head on the Pajarito Plateau in the south-central part of the Laboratory, to the south of the Cañon de Valle/Water Canyon watershed. Ancho Canyon consists of the alluvial floodplain and hill slopes of North Ancho Creek, an ephemeral stream. Approximately 2.2 mi^2 is drained by the north fork of Ancho Canyon and approximately 2.3 mi^2 is drained by Ancho Canyon. White Rock Canyon is to the east and south.

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 locations have some of the longest historical sampling records 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. Undeveloped Pueblo de San Ildefonso property borders Los Alamos County on the north. 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).

Pajarito Canyon Watershed

The Pajarito Canyon watershed heads in the Sierra de los Valles 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 8.5 mi (58%) of the length of Pajarito Canyon 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. It is approximately 5.8 mi long with a drainage area of 3.1 mi^2, of which 70% on Laboratory land. The south fork of Pajarito Canyon also heads in the Sierra de los Valles and is approximately 2.9 mi long with a drainage area of 1.0 mi^2, 37% on Laboratory land.

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, Ancho Canyon, 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, or may not be, representative of general local groundwater chemistry. 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 2022 and 2023 IFGMPs (N3B 2021, 701672; N3B 2022, 702346).

The following well screen is on the watch list:

- R-12 screen 1 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; the screen 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 2022 and 2023 IFGMPs (N3B 2021, 701672; (N3B 2022, 702346)): metals; volatile organic compounds (VOCs); semivolatile organic compounds (SVOCs); low-level 1,4-dioxane; low-level nitrosamines; per- and polyfluoroalkyl substances (PFAS); polychlorinated biphenyls; high explosives; dioxins and furans; radionuclides (including tritium and low-level tritium); and general inorganic chemicals (including perchlorate). Additionally, all or some of the following field parameters were measured: DO, flow rate (in gallons per minute [gpm]), oxidation-reduction potential, pH, specific conductance, temperature, and turbidity.

Purge water is managed and characterized in accordance with the relevant version of the Waste Characterization Strategy Form, N3B-AP-TRU-2150. 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-SOP-ER-3006), and “Regulatory Requirements for the Land Application of Groundwater” (N3B-QP-RGC-0002), which implements the NMED-approved decision tree for land application of drilling, development, rehabilitation, and sampling purge water.

Table 2.0-1 provides information about each well sampled during the PMEs, including the well 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 and Ancho Canyon, White Rock Canyon, and Pajarito Canyon, respectively.

2.1 PME Observations and Deviations from Planned Scope

- CDBO-6: A sample could not be collected because the well was dry; therefore, no field or analytical data will be available for this site during this sampling event.
- MCO-7: A sample could not be collected because the well was dry; therefore, no field or analytical data will be available for this site during this sampling event.

- Ancho Spring: The sample could not be collected because there was insufficient water at the spring to sample; therefore, no field or analytical data will be available for this site during this sampling event.
- Lower Sandia Spring: The spring could not be sampled because there was insufficient water to sample; therefore, no field or analytical data will be available for this site during this sampling event.
- Spring 4A: The spring could not be sampled because of extensive poison ivy around the spring; therefore, no field or analytical data will be available for this site during this sampling event.
- Spring 6A: The sample could not be collected because there was insufficient water at the spring to sample; therefore, no field or analytical data will be available for this site during this sampling event.
- R-19 S3: No sample was collected because of electrical issues; therefore, no field or analytical data will be available for this site during this sampling event. Electrical adjustments were completed by electricians and the well has been returned to operation.
- WCO-1r: Sampling was canceled due to a downed tree on the access road to the well. Removal of the tree was delayed due to ongoing site activities which prevented access; therefore, no field or analytical data will be available for this site during this sampling event. The tree has since been removed. Due to the remote location of this well and site activities, access to this location can be limited.
- DP Spring: Area is inaccessible due to cliff erosion debris covering the location of the spring; therefore, no field or analytical data will be available for this site during this sampling event. Further inclusion of this spring in the IFGMP sampling program will be evaluated based on whether this location can be accessed in the future due to the cliff erosion debris.
- LAUZ-1: No sample was collected at this location because, based on field parameters, water inside the casing was determined to be runoff and not representative of groundwater; therefore, no field or analytical data will be available for this site during this sampling event. LAUZ-1 is currently flush mount with the surrounding ground surface and susceptible to canyon runoff overtopping the well and causing mixing. This was the case with the June 13, 2023 sampling event. When the field crew arrived on-site, clear evidence of overtopping was indicated by water inside the well and well casing. Following discussion with D. Fellenz and K. McIntyre, the crew was instructed to pump water to the surface and compare the specific conductance with historical values. LAUZ-1 should have specific conductance between 1200 µS/cm and 1500 µS/cm. However, field crew observed specific conductance was just over 400 µS/cm, indicating dilution through mixing with runoff. The well was then canceled since the water was not representative of the formation. The conversations and field parameters are documented in the sampling log notes associated with the June 13, 2023, event.
- LLAO-1b: A sample could not be collected because the well was dry; therefore, no field or analytical data will be available for this site during this sampling event.
- TW-2Ar: A sample could not be collected at this location because the pump would not maintain operation and, therefore, no field or analytical data will be available for this site during this sampling event. The well is scheduled for upcoming well maintenance activities.

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 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 1×10^{-5} excess cancer risk. This report was prepared using the June 2022 NMED "Risk Assessment Guidance for Site Investigations and Remediation" (NMED 2022, 702141).
- 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 1×10^{-5} excess cancer risk. The EPA screening levels for tap water are at 1×10^{-6} excess cancer risk; therefore, the EPA 1×10^{-6} screening levels are multiplied by 10 for use in the screening process. This report was prepared using the May 2023 EPA regional screening levels for tap water (http://www.epa.gov/risk/risk-based-screening-table-generic-tables).
- The NMWQCC groundwater standards apply to specified contaminants in the dissolved (filtered) portion of samples. However, the standards for mercury and organic compounds apply to the concentrations of the contaminants in unfiltered samples. For this report, EPA MCLs are applied to contaminant concentrations in 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 2022 IFGMP (N3B 2020, 701041) and 2023 IFGMP (N3B 2021, 701672).

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 current MDL is much lower than former MDLs used in earlier analyses. Table 4.2-1 presents a list of target analytes with MDLs equal to or above screening values. Table 4.2-2 presents a list of analytes where the range of MDLs overlaps 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, oxidation-reduction potential, pH, specific conductance, temperature, and turbidity. Table 2.1-1 notes any instances where the field parameter stabilization requirements could not be met.

4.4 Groundwater Elevations

The groundwater elevations are 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 at regular intervals (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 water level is in the well sump.
- The transducer could not be accessed.
- 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: The water was in the well sump for the entire period of record.
- O3-B-13: The well was paved over so data was unavailable.
- LAO-1.6g: The well does not contain a transducer.
- LAO-4.5c: The water level was intermittently below the transducer for the period of record.
- LAUZ-1: The well does not contain a transducer.
- LLAO-1b: The water level was in the well sump for the entire period of record.
- MCO-4b: The water level was intermittently below the transducer for the period of record.
- MCO-6: The water level was intermittently below the transducer for the period of record.
- MCO-7: The water level was intermittently below the transducer for the period of record
- PCAO-2: The water level was intermittently in the sump for the period of record
- PCAO-7b2: The water level was in the well sump for the entire period of record.
- PCAO-8: The water level was below the transducer for the entire period of record.
- R-19 Screen 2: Data have not been downloaded due to site access issues
- R-19 Screen 3: The well does not contain a transducer.

- R-10 Screen 2: Data are not reported prior to September 15, 2022, because of a transducer battery failure.
- WCO-1r: The water level was intermittently below the transducer for the entire period of record.

Groundwater elevation data from the end of the previous PMEs, and through the end of the PMEs addressed 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 PAO-7b2. Groundwater elevation measurements are shown graphically on Plate 1.

Alluvial well and perched intermediate well water levels can increase by outfall release into the canyons containing these aquifers. By contrast, water levels within the regional aquifer have been generally decreasing due to pumping at water supply wells.

The map extent in Figure 4.4-1 includes all wells within the General Surveillance Group, including alluvial, perched-intermediate, and regional wells. However, the potentiometric surface is generated based on a fixed set of water levels measured at 63 wells near the water table within the regional aquifer, irrespective of their monitoring group, so wells used to generate the potentiometric surface are not necessarily shown in Figure 4.4-1. Hence, the map extents are based on the data used to generate the water table map, with no extrapolation of contours into areas where water-level data are absent. As a result, the western edge of the map extends further to the west of regional wells within the General Surveillance Group, and contours are not extrapolated as far south as R-31 (see Figure 4.4-1). Although the same set of wells is used to generate water table maps for all monitoring groups, the date and time of the water levels will differ.

Figure 4.4-1 shows the equipotential lines of elevation of the regional groundwater table surface and flow directions from the first day of the PME reported in this PMR. To generate the potentiometric surface, regional aquifer surface contours are drawn by hand in accordance with the three-point method as described by EPA (https://cfpub.epa.gov/si/si_public_record_report.cfm?dirEntryId=287064&Lab=NRMRL). Adjacent wells are first grouped into triplets, and straight lines are drawn connecting them, creating an irregular network of triangles. Once the triangulated irregular network (TIN) is formed, tick marks are drawn where elevation contours cross the edges of each TIN. Working downslope from the highest elevation, contours are then drawn through tick marks of equal value. This method for generating the potentiometric surface assumes that the water table surface is planar, that flow is mostly horizontal, and that there is no pumping or injection. Since these assumptions may be violated, expert judgment may be used to draw the potentiometric surface. No perched-intermediate water levels are shown in Figure 4.4-1.

Groundwater flow vectors are perpendicular to the contour lines and point downgradient, and were calculated using the transect tool in ArcGIS (https://pro.arcgis.com/en/pro-app/latest/tool-reference/data-management/generate-transects-along-lines.htm). Groundwater flow directions are perpendicular to the equipotential lines (https://pubs.usgs.gov/wsp/2220/report.pdf).

All groundwater elevation data for locations with transducers are reported in Appendix B (on CD included with this document) and on Plate 1.

5.0 ANALYTICAL DATA RESULTS

5.1 Methods and Procedures

All methods and procedures used to perform the analysis for the data reported in this PMR are documented in the 2022 IFGMP (N3B 2020, 701041) and the 2023 IFGMP (N3B 2022, 702346). Samples

and field-data collection are conducted using SOPs that are part of a comprehensive quality assurance/quality control (QA/QC) program. These SOPs are listed and described in Appendix B of the IFGMPs.

Sampling and analysis plans (SAPs) are created using 2022 and 2023 IFGMP Tables 1.8-1, 1.11-1, and 8.3-1. SAPs include additional field collection, transportation, and field QA/QC sample criteria as identified in the N3B data quality objectives (DQOs) and in the Consent Order. A sample collection log is created from the SAP and is used to maintain a chain-of-custody (COC) document and an analytical request form.

Field QA/QC sampling and analysis is employed as an aspect of the QA/QC program to assist in qualifying field sample analytical results. These samples include field blanks (FBs), equipment rinsate blanks (EQBs), performance evaluation blanks (PEBs), field trip blanks (FTBs), and field duplicates (FDs). These field QA/QC samples support monitoring the quality of field sample collection, shipping processes, and analytical laboratory processes. Additional description regarding these types of QA/QC samples is provided in Appendix D of the 2022 IFGMP (N3B 2021, 701672) and 2023 IFGMP (N3B 2022, 702346).

Following sample collection, sampling personnel deliver the samples and the sample collection log to sample management personnel at the N3B Sample Management Office. An analytical COC document 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. Samples are then shipped to analytical laboratories for analysis.

In addition to analyzing the field samples and field QA/QC samples, analytical laboratories also employ laboratory batch QA/QC samples. These include matrix spikes, duplicates, method blanks, and laboratory control samples that are prepared and analyzed by the laboratories to monitor their analytical process quality.

The analytical data are submitted by the analytical laboratory and uploaded to the N3B Environmental Information Management (EIM) database. The received data are then independently validated through the N3B data validation process, per the N3B minimum DQOs as outlined in “Sample and Data Management Plan” (N3B-PLN-SDM-1000). N3B-PLN-SDM-1000 sets the validation frequency criteria at 100% Level 1 examination and Level 2 verification of data, and at 10% minimum Level 3 validation of data.

- A Level 1 examination assesses the completeness of the data as delivered from the analytical laboratory, identifies any reporting errors, and checks the usability of the data based on the analytical laboratory’s evaluation of the data.
- A Level 2 verification evaluates the data to determine the extent to which the laboratory met the analytical method and the contract-specific QC and reporting requirements.
- A Level 3 validation includes Levels 1 and 2 criteria and determines the effect of potential anomalies encountered during analysis and possible effects on data quality and usability. A Level 3 validation is performed manually with method-specific data validation procedures.

Laboratory analytical data are validated by N3B personnel as outlined in N3B-PLN-SDM-1000; “General Guidelines for Data Validation” (N3B-AP-SDM-3000); “Examination and Verification of Analytical Laboratory Data” (N3B-AP-SDM-3014); and additional method-specific analytical data validation procedures. All associated validation procedures have been developed, where applicable, from the “Guidance on Environmental Data Verification and Data Validation” (EPA QA/G-8) (https://www.epa.gov/sites/production/files/2015-06/documents/g8-final.pdf), the “Department of Defense (DoD)/Department of Energy (DOE) Consolidated Quality Systems Manual (QSM) for Environmental

Laboratories" (https://denix.osd.mil/edqw/documents/manuals/qsm-version-5-3-final/), the EPA "Superfund CLP National Functional Guidelines for Data Review" (https://www.epa.gov/clp/superfund-clp-national-functional-guidelines-nfgs-data-review), and the American National Standards Institute/American Nuclear Society 41.5 "Verification and Validation of Radiological Data for Use in Waste Management and Environmental Remediation" (https://webstore.ansi.org/standards/ansi/ansians412012).

Validation qualifiers and reason codes applied during this process are also reviewed and approved by an N3B chemist to assess data usability and quality. 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 data for the PMEs reported in this PMR and from the previous four sampling events. Table C-1 of the appendix contains all data for this reporting period. Table C-2 contains all detections of respective analytes from this reporting period plus the results from the four previous sampling events. The data were reviewed for compliance 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, EQB data, FB data, and PEB data are not included in the data set.
  - Tracers used for conceptual models are not reported.
  - 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 multiple results which 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 data flag, if present, is included in Appendix C.

Appendix D presents each analytical result detected at a concentration of 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 was detected above its screening value in both a primary sample and its associated FD, only the primary sample result would be recorded. Figures are generated for analytical results detected at concentrations greater than screening values at more than one location. Concentration versus time charts are shown for highlighted exceedances. Figures are generated for analytical results detected at concentrations greater than screening values at more than one location (see Figures 5.2-1 and 5.2-2).

Graphs in Appendix E display analyte concentration histories for monitoring group locations where the analyte was detected above the screening value at least once in the following historical set, which includes this PME in addition to data from the previous 3 yr, if available. Appendix E may include instances in which 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. Graphs in Appendix E show both primary samples and associated FDs. Results with a best value flag of N are not included in Appendix E.

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

5.2.1 Groundwater Screening Value Exceedances

Table 5.2-1 shows that eight groundwater analytical results reported in this PMR were detected at or above applicable screening values. These screening value exceedances were for the following five analytes: unfiltered benzo(a)anthracene; unfiltered dibenz(a,h)anthracene; unfiltered perfluorooctanesulfonic acid (PFOS); filtered iron; and unfiltered strontium-90.

5.2.1.1 Springs

Spring 4

- For the October 13, 2022, sampling event at Spring 4, unfiltered dibenz(a,h)anthracene was detected at 0.355 µg/L, which is above the NMWQCC groundwater standard (screening level) of 0.0343 µg/L.

  The previous concentration of unfiltered dibenz(a,h)anthracene detected at Spring 4 was in October 2011 at 0.466 µg/L. Levels between October 2011 and the current PME were nondetects.

  Dibenz(a,h)anthracene is produced by the incomplete combustion of organic matter and is primarily found in gasoline exhaust, tobacco smoke, coal tar, soot, and certain food products (e.g., smoked and barbecued foods). Combustion of fossil fuels from nearby human recreational activities is a likely source of dibenz(a,h)anthracene at Spring 4, which, once released into the atmosphere, may deposit onto soil or water.
- For the October 13, 2022, sampling event at Spring 4, unfiltered benzo(a)anthracene was detected at 0.384 µg/L, which is above the NMWQCC groundwater standard (screening level) of 0.12 µg/L.

This is the first detection of unfiltered benzo(a)anthracene at Spring 4.

Benzo(a)anthracene is a product of incomplete combustion of oil, plant, or animal matter, which once released into the atmosphere may deposit onto soil or water. Similar to dibenz(a,h)anthracene, nearby human recreational activities are a likely source of benzo(a)anthracene at Spring 4.

5.2.1.2 Alluvial Monitoring Wells

MCO-5

- For the July 21, 2022, sampling event at MCO-5, unfiltered strontium-90 was detected at 34.2 pCi/L, which is above the EPA MCL groundwater standard (screening level) of 8 pCi/L.

  The previous range of unfiltered strontium-90 at MCO-5 from October 2010 to October 2021 is 21.7 pCi/L to 28.4 pCi/L. However, the strontium-90 concentration at MCO-5 peaked at 122 pCi/L in August 1996. A likely source of strontium-90 at this location is from releases at the TA-50 outfall that initiated in 1963 (LANL 1997, 056835)). Since strontium-90 sorbs to subsurface clay materials and weather tuff, its transport in the subsurface is attenuated. Although releases to the TA-50 outfall have ceased, summer storm flows can cause strontium-90 desorption and remobilization of strontium-90 in the subsurface.

PAO-5n

- For the June 6, 2023, sampling event at PAO-5n, unfiltered PFOS was detected at 111.0 ng/L, which is above the NMED tap water standard (screening level) for PFOS of 60 ng/L.

  PAO-5n is a shallow alluvial well located downgradient from the LANL wastewater treatment plant. PFOS concentrations in the alluvial aquifer at this location are likely the result of wastewater releases from the treatment plant.

  The previous range of unfiltered PFOS from September 2020 to June 2022 is 63.9 ng/L to 143.0 ng/L. The peak concentration is 124 ng/L on September 2020 over the period of record

LAO-3a

- For the June 13, 2023, sampling event at LAO-3a, unfiltered strontium-90 was detected at 9.84 pCi/L, which is above the EPA MCL (screening level) for strontium-90 of 8 pCi/L.

  The previous range of unfiltered strontium-90 from March 2011 to June 2022 is 9.73 pCi/L to 29.3 pCi/L. However, the peak strontium-90 concentration of 71.9 pCi/L occurred early in the period of record in March 1995, with a general downward trend occurring since that date. The likely source of strontium-90 at this location is the TA-21 outfall, which operated from 1969–1978. Variability in strontium-90 concentrations likely occurs from sorption and desorption mechanisms influenced by storm water flows.

5.2.1.3 Intermediate Monitoring Wells

POI-4

- For the June 7, 2023, sampling event at POI-4, unfiltered PFOS was detected at 90.6 ng/L, which exceeds the NMED tap water standard (screening level) for PFOS of 60 ng/L. This well is an intermediate well located downgradient from the LANL wastewater treatment plant. PFOS

concentrations in the alluvial aquifer at this location are likely the result of wastewater releases from the treatment plant.

The previous range of unfiltered PFOS from September 2020 to June 2022 is 16.0 ng/L to 79.4 ng/L.

5.2.1.4 Regional Monitoring Wells

R-31 S3

- For the September 9, 2022, sampling event at R-31 S3, filtered iron was detected at 1290 µg/L, which exceeds the NMWQCC water quality standard (screening level) of 1000 µg/L.
- For the February 13, 2023, sampling event at R-31 S3, filtered iron was detected at 1110 µg/L, which exceeds the NMWQCC water quality standard (screening level) of 1000 µg/L.

  This well is experiencing reducing conditions, and the samples produced after purging 3 casing volumes (CVs) are not representative of the chemistry of the surrounding groundwater aquifer. Specifically, this has yielded increased iron and manganese detections. In future sample events, 20 CVs will be purged before sampling to retrieve samples that are representative of aquifer conditions.

  The previous range of iron from June 2010 to June 2022 is 145 µg/L to 3710 µg/L.

5.3 Sampling Program Modifications

Beginning in MY 2024, PFAS will be sampled sitewide on a biennial basis. Locations with historical exceedances will continue to be sampled annually.

VOC sampling was moved from annual to biennial at locations where all historical VOCs are below applicable screening levels.

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

Eight groundwater analytical results were detected at or above applicable screening values. For results detected at or above screening values, the types of contaminants detected and their concentrations are consistent with data reported in previous PMRs for this monitoring group with the following exceptions.

6.2.1 Springs

- The unfiltered benzo(a)anthracene concentration (0.384 µg/L) from the sample collected at Spring 4 on October 13, 2022, is the first detection at this location.

6.2.2 Alluvial Monitoring Wells

- The unfiltered strontium-90 concentration (34.2 pCi/L) from the sample collected at MCO-5 on July 21, 2022, is greater than the previous maximum concentration detected (28.4 pCi/L) on July 29, 2016.

6.2.3 Intermediate Monitoring Wells

- The unfiltered PFOS concentration (90.6 ng/L) from the sample collected at POI-4 on June 7, 2023, is greater than the previous maximum concentration detected (79.4 ng/L) on June 20, 2022.

6.3 Data Gaps

Table 2.1-1 summarizes the observations from the planned monitoring scope and Table 2.1-2 summarizes 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. ERIDs were assigned by the Laboratory's Associate Directorate for Environmental Management (IDs through 599999); ESHIDs were assigned by the Laboratory's Associate Directorate for Environment, Safety, and Health (IDs 600000 through 699999); and EMIDs are assigned by N3B (IDs 700000 and above).

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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 2022. “Risk Assessment Guidance for Site Investigations and Remediation, Volume 1, Soil Screening Guidance for Human Health Risk Assessments,” Hazardous Waste Bureau and Ground Water Quality Bureau, Santa Fe, New Mexico. (NMED 2022, 702141)

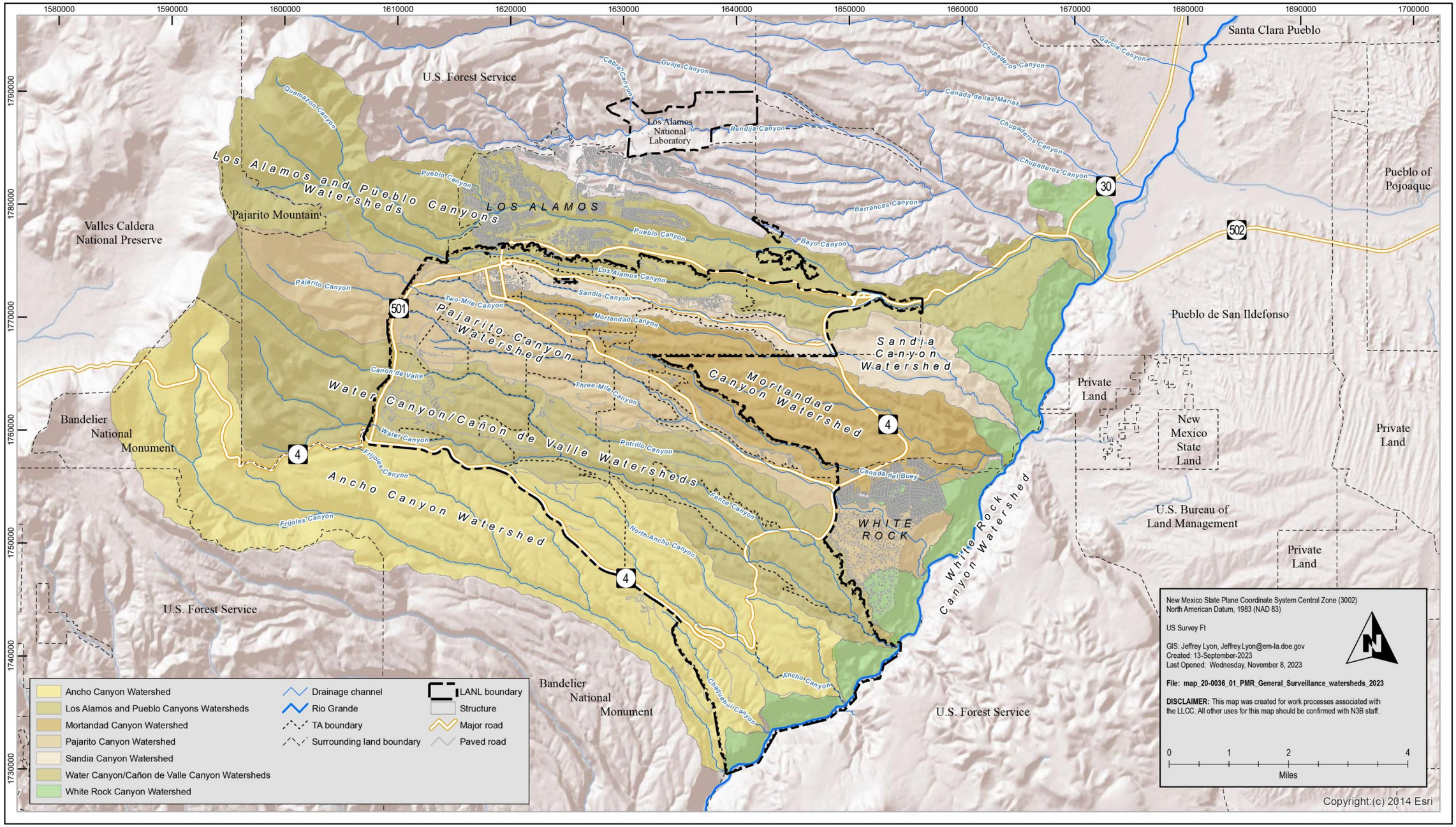


Figure 1.1-1 General Surveillance monitoring group vicinity map

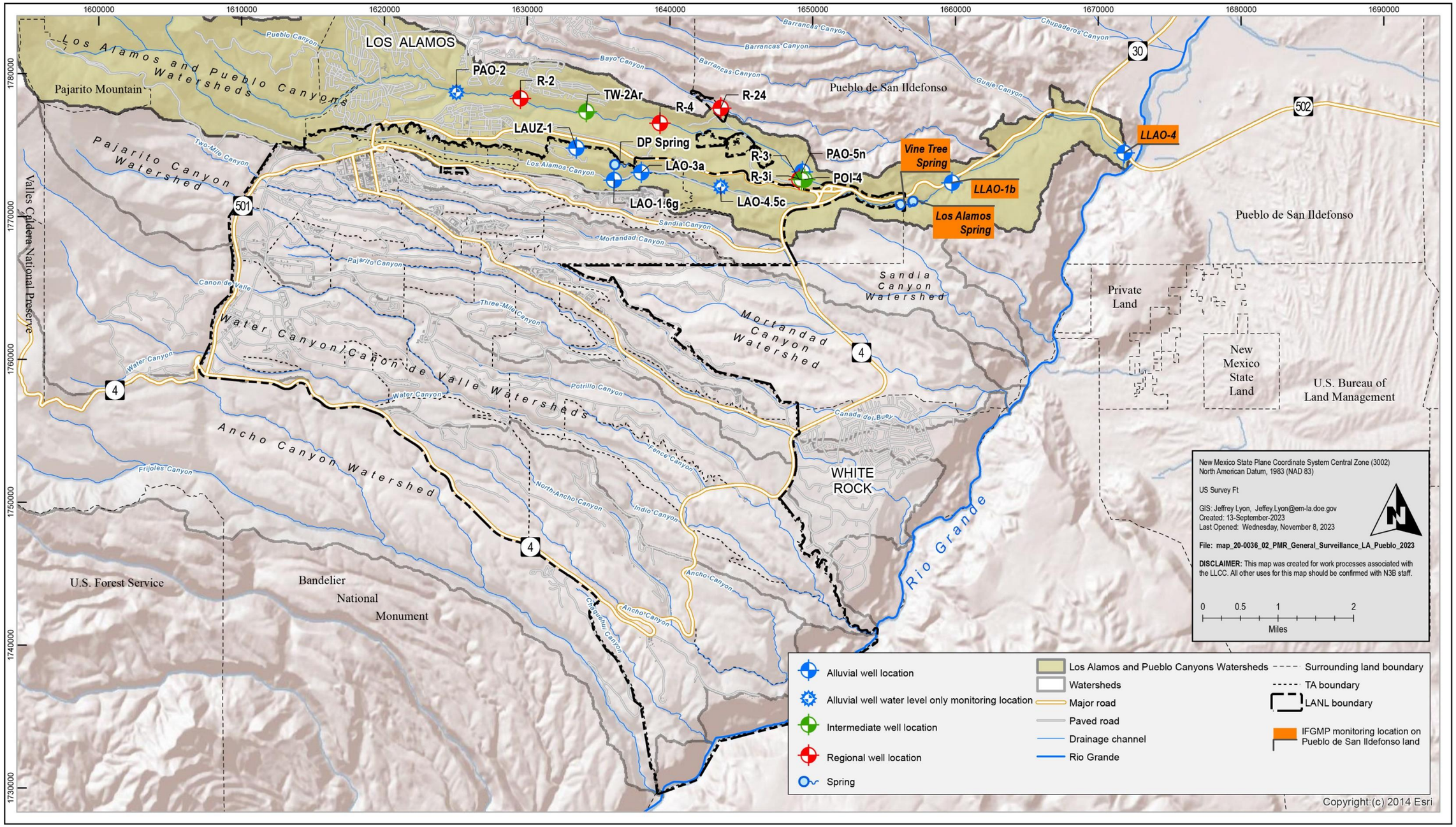


Figure 1.1-2 General Surveillance monitoring group locations in the Los Alamos and Pueblo Canyon watershed

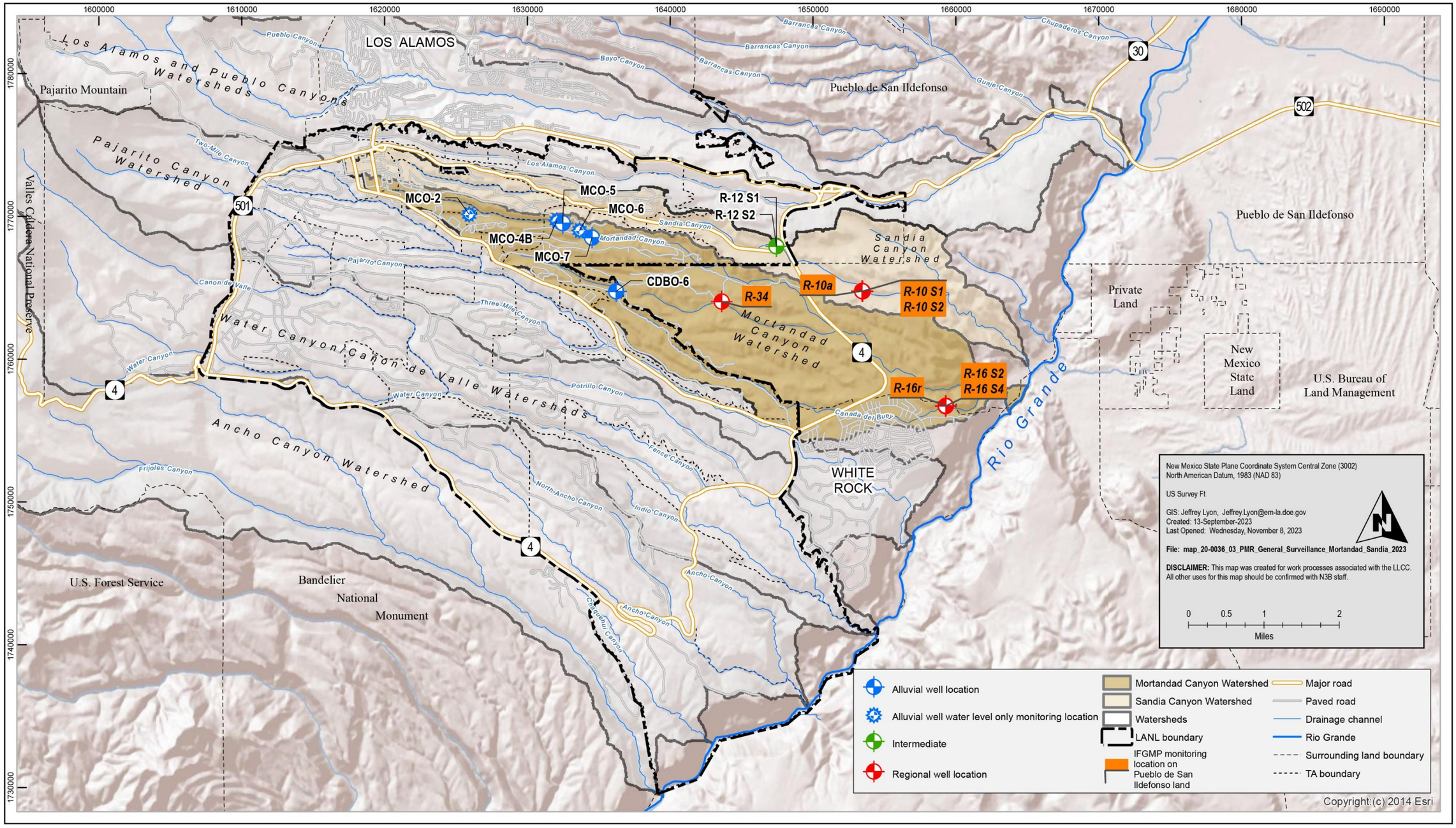


Figure 1.1-3 General Surveillance monitoring group locations in the Mortandad and Sandia Canyon watersheds

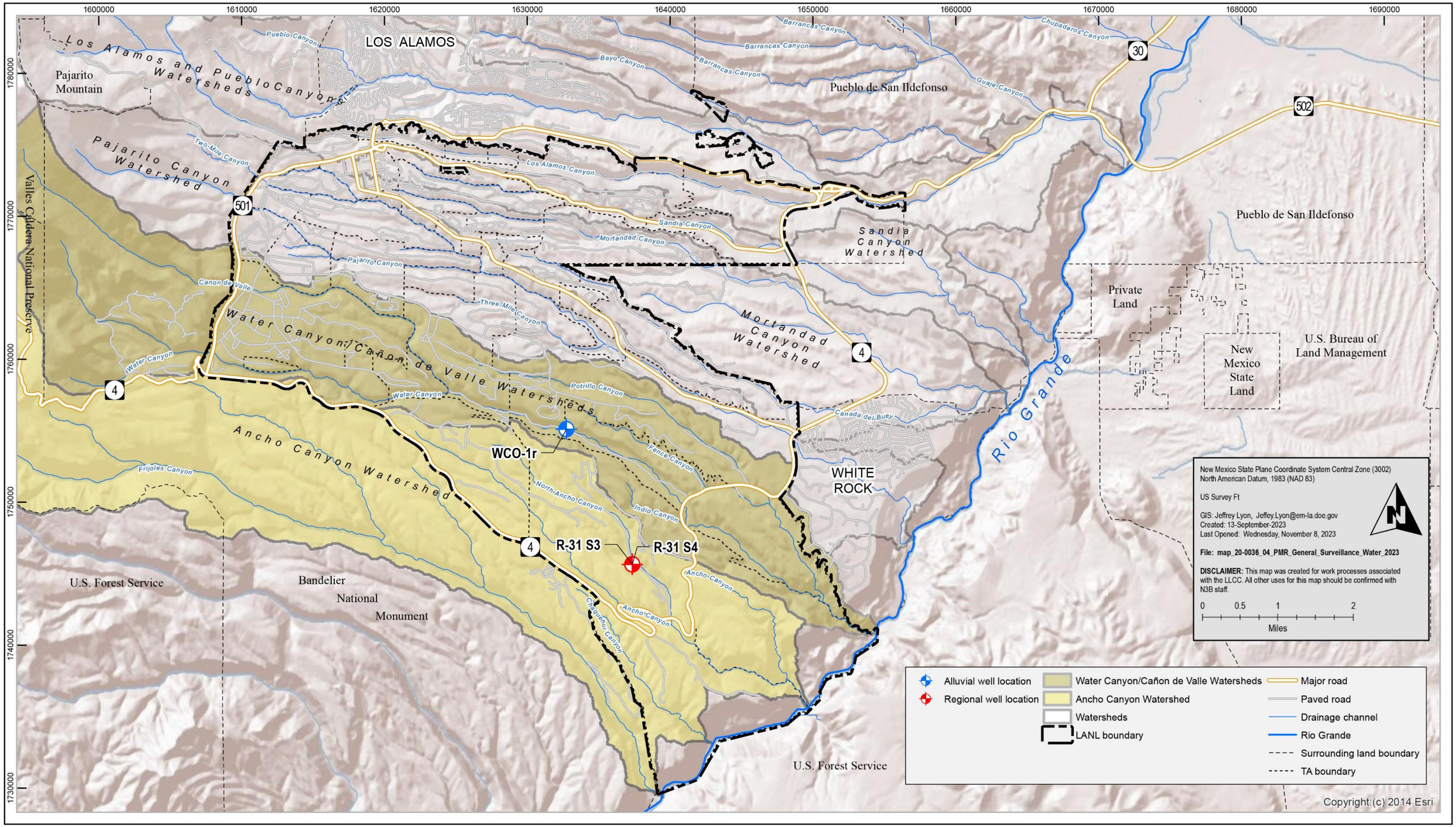


Figure 1.1-4 General Surveillance monitoring group locations in the Water Canyon/Cañon de Valle and Ancho Canyon watersheds

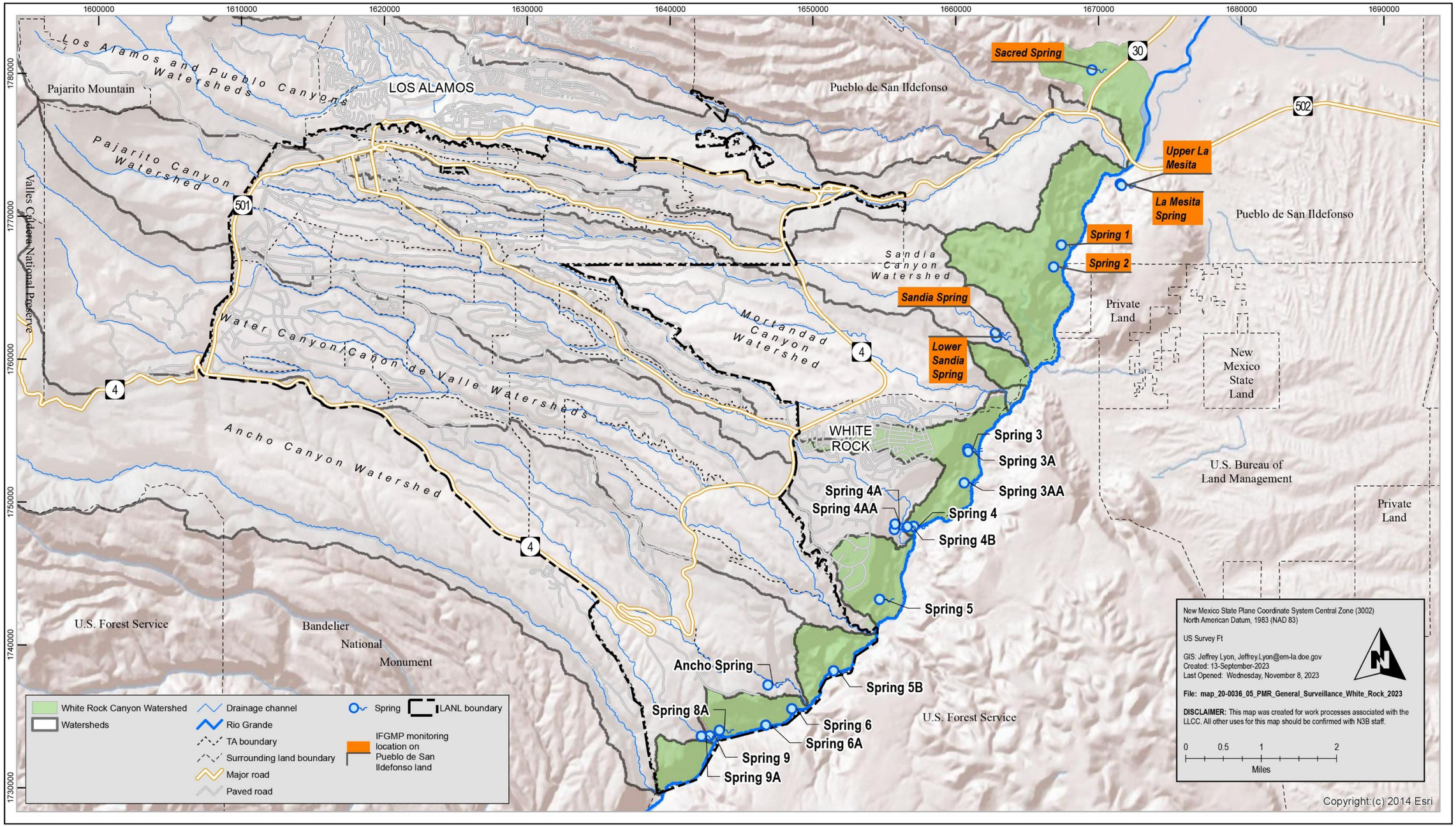


Figure 1.1-5 General Surveillance monitoring group locations in the White Rock Canyon watershed

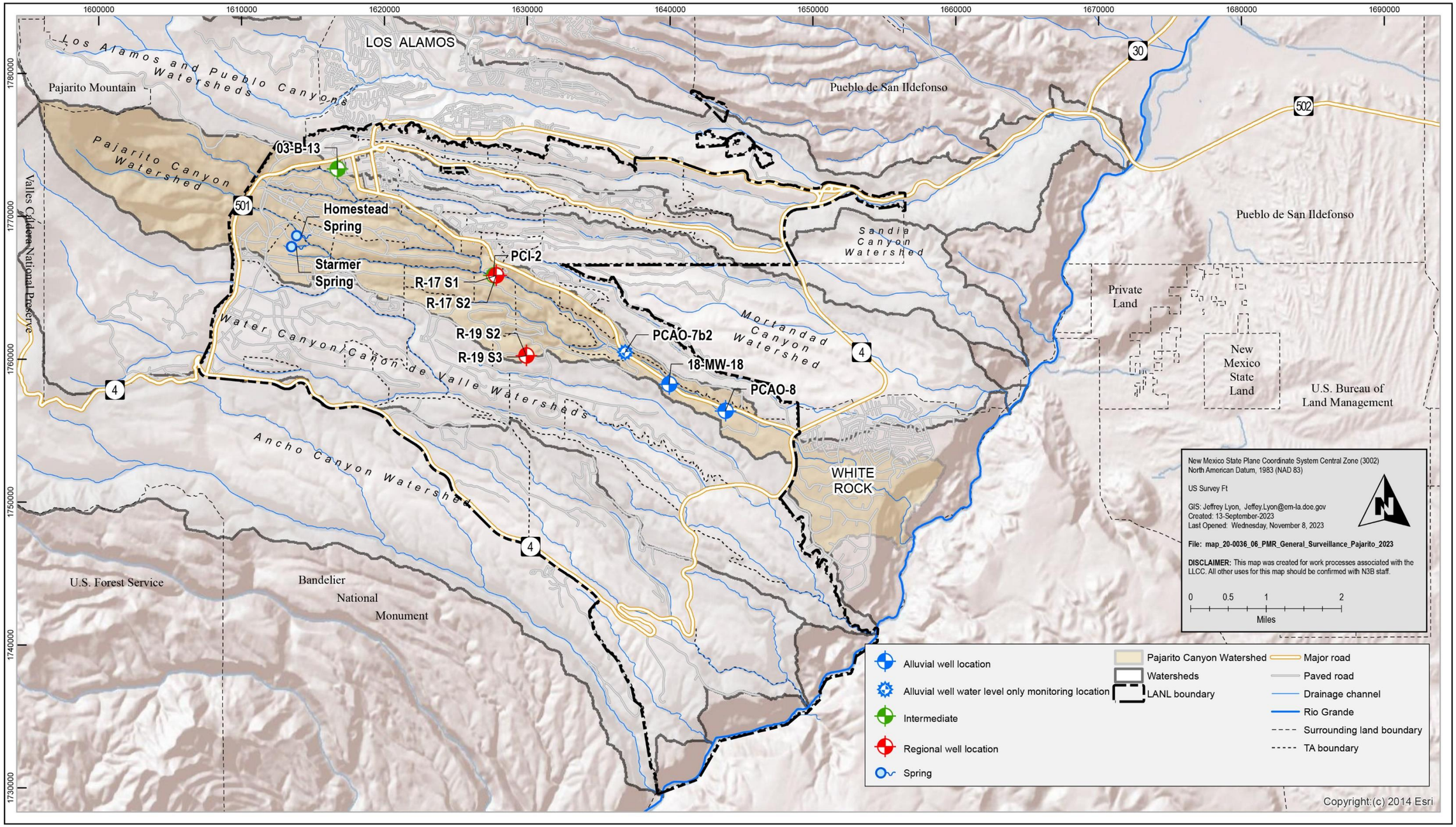
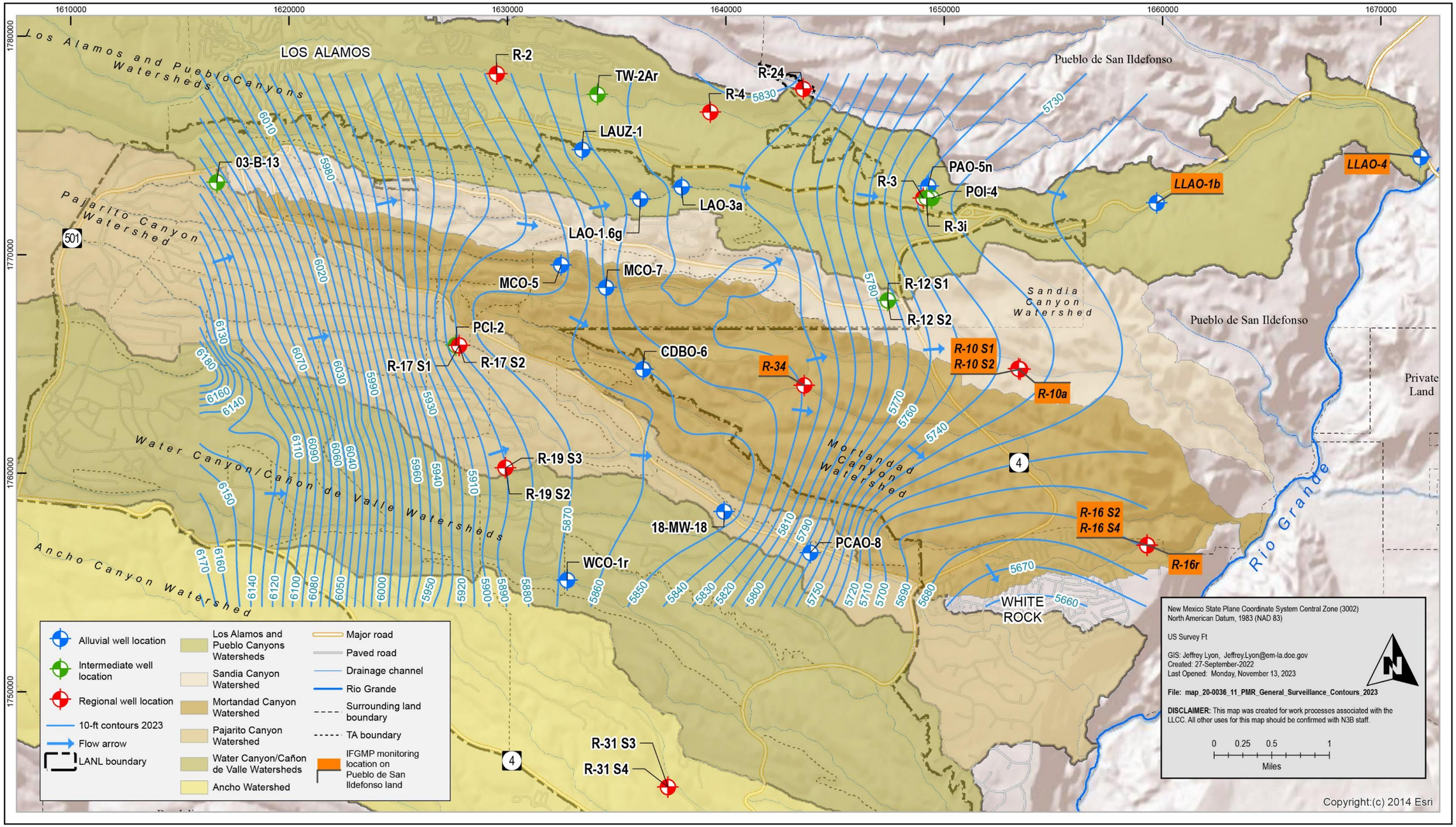
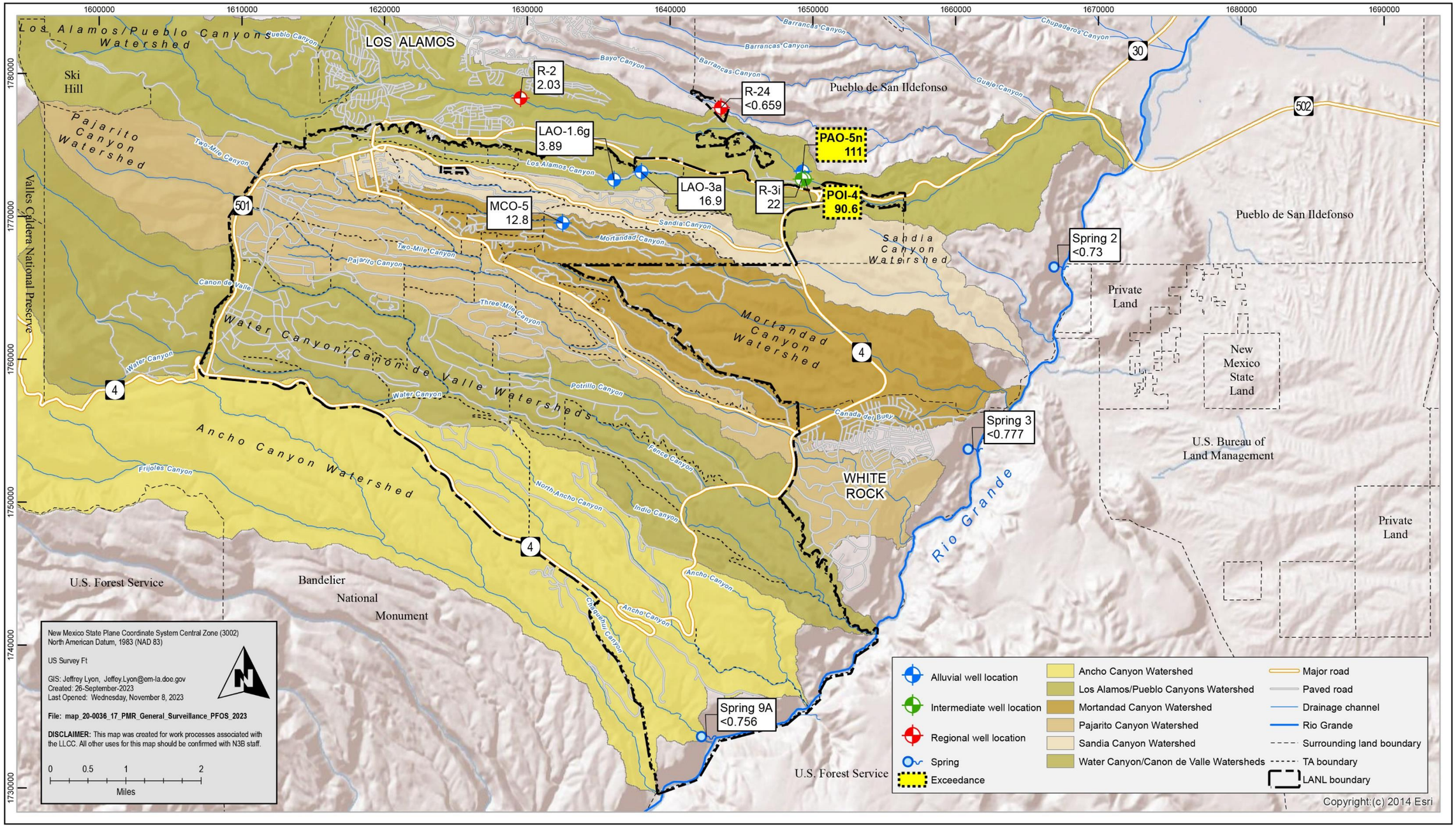


Figure 1.1-6 General Surveillance monitoring group locations in the Pajarito Canyon watershed



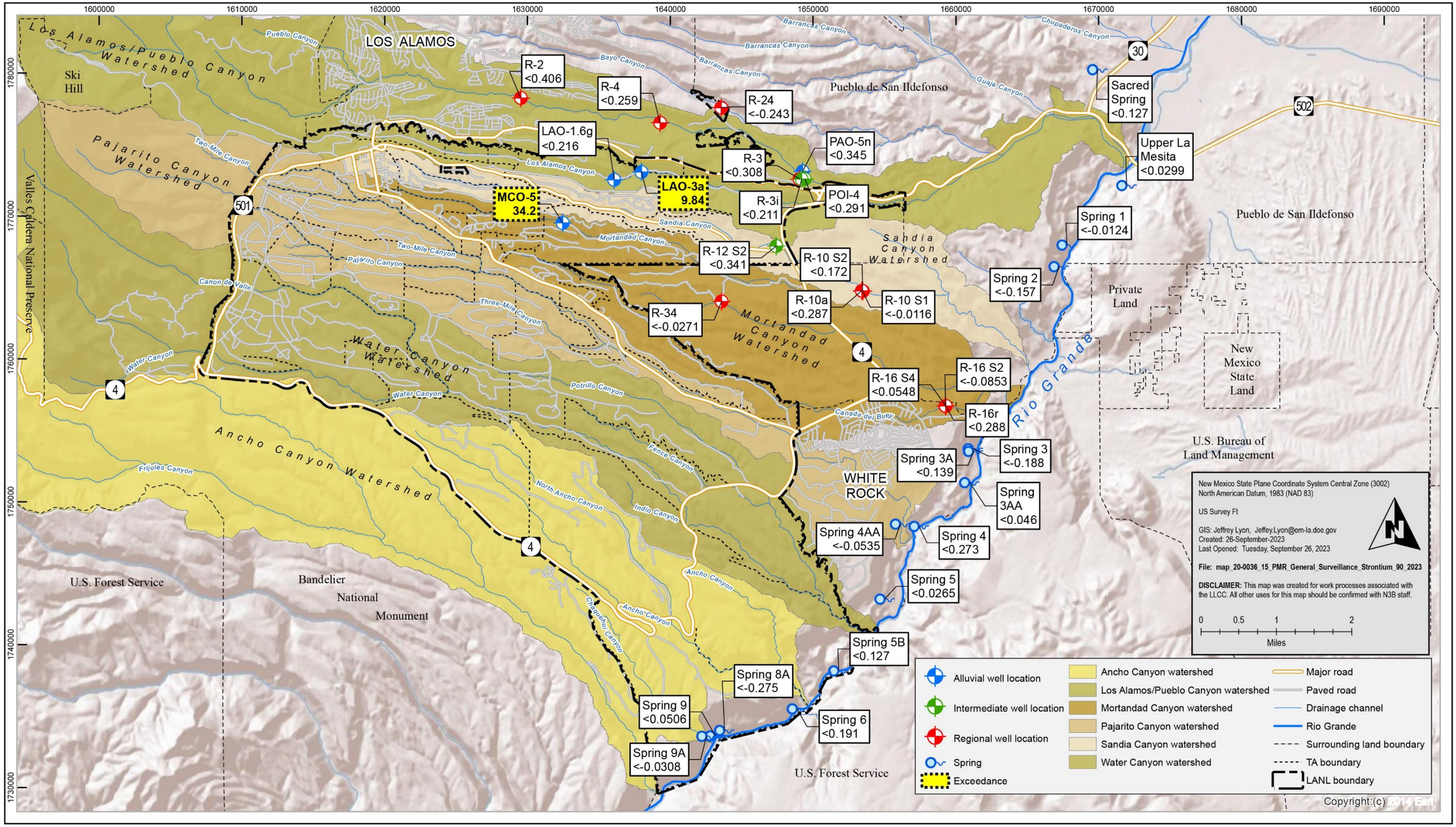
Note: Regional aquifer water table contours were generated with QGIS using the very first measurement on the first day of the PME presented in the PMR.

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



Note: The NMED A1 tap water screening value for PFOS in groundwater is 60 ng/L. The figure shows the highest concentration at each location during the PMEs reported in this PMR.

Figure 5.2-1 General Surveillance monitoring group unfiltered PFOS concentrations in ng/L



Note: The EPA MCL screening value for strontium-90 in groundwater is 8 pCi/L. The figure shows the highest concentration at each location during the PMEs reported in this PMR.

Figure 5.2-2 General Surveillance monitoring group unfiltered strontium-90 concentrations in pCi/L

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)
		MY	Quarter							
Spring										
Ancho Spring	White Rock	2023	1	Canceled: insufficient sample available	—[a]	—	—	—	—	—
Lower Sandia Spring	White Rock			Canceled: insufficient sample available	—	—	—	—	—	—
Sacred Spring	White Rock			10/11/2022	—	—	—	—	—	NC[b]: source too diffuse to calculate
Spring 1	White Rock			10/06/2022	—	—	—	—	—	0.66
Spring 3	White Rock			10/03/2022	—	—	—	—	—	4.82
Spring 3A	White Rock			10/03/2022	—	—	—	—	—	14.55
Spring 3AA	White Rock			10/03/2022	—	—	—	—	—	0.22
Spring 4	White Rock			10/13/2022	—	—	—	—	—	24.36
Spring 4A	White Rock			Cancelled: area inaccessible due to poison ivy	—	—	—	—	—	—
Spring 4AA	White Rock			10/3/2022	—	—	—	—	—	NC: source too diffuse to calculate
Spring 4B	White Rock			10/3/2022	—	—	—	—	—	NC: source too diffuse to calculate
Spring 5	White Rock			10/04/2022	—	—	—	—	—	4.20
Spring 5B	White Rock			10/04/2022	—	—	—	—	—	0.50
Spring 6	White Rock			10/04/2022	—	—	—	—	—	5.14
Spring 6A	White Rock			Canceled: insufficient sample available	—	—	—	—	—	—
Spring 8A	White Rock			10/05/2022	—	—	—	—	—	0.63

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)
		MY	Quarter							
Spring 9	White Rock	2023	1	10/04/2022	—	—	—	—	—	NC: source too diffuse to calculate
Spring 9A	White Rock			10/04/2022	—	—	—	—	—	NC: source too diffuse to calculate
Upper La Mesita Spring	White Rock			10/11/2022	—	—	—	—	—	0.25
DP Spring	Los Alamos	2023	3	Canceled: area inaccessible	—	—	—	—	—	—
Los Alamos Spring	Los Alamos			06/15/2023	—	—	—	—	—	0.40
Vine Tree Spring	Los Alamos			06/20/2023	—	—	—	—	—	5.58
Spring 2	White Rock			04/18/2023	—	—	—	—	—	0.475
Alluvial Well										
CDBO-6	Mortandad	2022	4	Canceled: site was dry	—	—	—	—	—	—
MCO-5	Mortandad			07/21/2022	25.0	21.0	46.0	6.78	7.7	0.22
MCO-7	Mortandad			Canceled: site was dry	—	—	—	—	—	—
WCO-1r	Water	2023	2	Canceled: area inaccessible	—	—	—	—	—	—
LAO-1.6g	Los Alamos	2023	3	06/08/2023	15.0	13.98	28.98	13.11	13.59	0.12
LAO-3a	Los Alamos			06/13/2023	10.0	5.7	15.7	1.08	1.08	0.12
LAUZ-1	Los Alamos			Canceled: water not representative of groundwater	—	—	—	—	—	—
LLAO-1b	Los Alamos			Canceled: site was dry	—	—	—	—	—	—
LLAO-4	Los Alamos			06/15/2023	10	5.24	15.24	7.00	7.26	0.22
PAO-5n	Pueblo			06/06/2023	5	7.43	12.43	3.96	3.97	0.063
Intermediate Well										
R-12 S2[c]	Sandia	2022	4	07/15/2022	3.5	504.5	508	53.77	324.00	12.00
R-19 S2	Pajarito	2023	2	02/22/2023	16.3	893.3	909.6	17.32	3.85	0.32
POI-4	Pueblo	2023	3	06/07/2023	15	159	174	10.51	36.60	0.61
R-3i	Pueblo			06/12/2023	4.8	215.2	220	3.94	12.94	0.66

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)
		MY	Quarter							
TW-2Ar	Pueblo	2023	3	Canceled: mechanical issues	—	—	—	—	—	—
Regional Well										
R-31 S3[d]	Ancho	2022	4	09/09/2022	10	666.3	676.3	45.90	142.02	5.26
R-31 S4[e]	Ancho			09/09/2022	10	826.6	836.6	195.02	588.50	5.35
R-16 S2	Mortandad			07/19/2022	7.5	863.4	870.9	218.24	675.00	5.00
R-16 S4	Mortandad			07/21/2022	7.6	1237.0	1244.6	44.36	186.30	3.09
R-16r	Mortandad			07/22/2022	17.6	600.0	617.6	53.56	160.80	5.36
R-34	Mortandad	2023	1	11/04/2022	22.9	883.7	906.7	98.65	302.40	2.88
R-10 S1[f]	Sandia			11/03/2022	23.0	874	897	222.63	718.20	13.30
R-10 S2	Sandia			11/03/2022	23.0	874	897	124.73	397.36	12.86
R-10a	Sandia			11/03/2022	10	690	700	64.91	195.60	4.92
R-17 S1	Pajarito	2023	2	02/28/2023	23	1057.01	1080.01	49.16	153.00	2.04
R-17 S2	Pajarito			02/28/2023	10	1124.01	1134.01	28.66	95.00	1.90
R-19 S3	Pajarito			Canceled: mechanical issues	—	—	—	—	—	—
R-31 S3	Ancho			02/13/2023	10	666.3	676.3	45.90	140.36	4.84
R-31 S4	Ancho			03/01/2023	10	826.6	836.6	195.02	653.40	4.84
R-2	Pueblo	2023	3	06/12/2023	23.2	906.4	926.60	31.05	95.95	1.11
R-3	Pueblo			06/05/2023	20.5	974.5	995.0	356.33	1110.00	6.00
R-4	Pueblo			06/12/2023	23.1	792.9	816.0	74.51	236.25	5.25
R-24	Pueblo			06/08/2023	23.0	825.0	848.0	115.76	362.10	4.26
R-10a	Sandia			05/11/2023	10	690	700	64.73	200.00	5.00

[a] — = Not applicable.

[b] NC = Not collected.

[c] S2 = Screen 2.

[d] S3 = Screen 3.

[e] S4 = Screen 4.

[f] S1 = Screen 1.

Table 2.1-1
General Surveillance Monitoring Group PME Observations

Sampling Event		Watershed	Monitoring Location	Observation	Comment
MY	Quarter				
2022	4	Ancho	R-31 S3[a]	3.09 CVs[b] purged	None
			R-31 S4[c]	3.02 CVs purged	None
		Mortandad	MCO-5	1.14 CVs purged	None
			R-16 S2[d]	3.09 CVs purged	None
			R-16 S4	4.20 CVs purged	None
			R-16r	3.00 CVs purged	None
		Sandia	R-12 S2	6.03 CVs purged	Purged additional CVs to reach stability.
2023	1	Mortandad	R-34	3.07 CVs purged	None
		Sandia	R-10 S1[e]	3.23 CVs purged	None
			R-10 S2	3.19 CVs purged	None
			R-10a	3.01 CVs purged	None
		White Rock	Sacred Spring	Flow rate not collected.	None
			Spring 1	0.66-gpm flow rate	None
			Spring 3	4.82-gpm flow rate	None
			Spring 3A	14.55-gpm flow rate	None
			Spring 3AA	0.22-gpm flow rate	None
			Spring 4	72.71-gpm flow rate	None
			Spring 4AA	Flow rate not collected.	None
			Upper La Mesita Spring	0.25-gpm flow rate	None
			Spring 4B	Flow rate not collected	Prioritized suite collected due to thunder in area.
			Spring 5	4.20-gpm flow rate	None
			Spring 5B	0.50-gpm flow rate	None
			Spring 6	5.14-gpm flow rate	None
			Spring 8A	0.63-gpm flow rate	None
			Spring 9	Flow rate not collected.	None
			Spring 9A	Flow rate not collected.	None

Table 2.1-1 (continued)

Sampling Event		Watershed	Monitoring Location	Observation	Comment
MY	Quarter				
2023 (cont.)	2	Ancho	R-31 S3	3.06 CVs purged	None
			R-31 S4	3.35 CVs purged	None
		Pajarito	R-17 S1	3.11 CVs purged	None
			R-17 S2	3.31 CVs purged	None
			R-19 S2	0.22 CVs purged	Sampled per Attachment 14 of the groundwater sampling SOP.
	3	Los Alamos	LAO-1.6g	1.04 CVs purged	None
			LAO-3a	1.00 CVs purged	None
			LLAO-4	1.04 CVs purged	None
			Los Alamos Spring	0.40-gpm flow rate	None
			Vine Tree Spring	5.58-gpm flow rate	None
		Pueblo	PAO-5n	1.00 CVs purged.	None
			POI-4	3.48 CVs purged	None
			R-2	3.09 CVs purged	None
			R-24	3.13 CVs purged	None
			R-3	3.12 CVs purged	None
			R-3i	3.28 CVs purged	None
			R-4	3.17 CVs purged	None
		Sandia	R-10a	3.09 CVs purged	None
		White Rock	Spring 2	0.475-gpm flow rate	None

[a] S3 = Screen 3.

[b] CVs = Casing volumes.

[c] S4 = Screen 4.

[d] S2 = Screen 2.

[e] S1 = Screen 1.

Table 2.1-2
General Surveillance Monitoring Group PME Deviations

Sampling Event		Watershed	Monitoring Location	Deviation	Comment
MY	Quarter				
2022	4	Mortandad	CDBO-6	No field or analytical data will be available for this site.	Canceled because site was dry
			MCO-7	No field or analytical data will be available for this site.	Canceled because site was dry
2023	1	White Rock	Ancho Spring	Canceled	Insufficient water for sampling
			Lower Sandia Spring	Canceled	Insufficient water for sampling
			Spring 4A	Cancelled	Area Inaccessible due to poison ivy
			Spring 6A	Canceled	Insufficient water for sampling
	2	Pajarito	R-19 S3*	Canceled	Electrical issues. Control panel has been repaired and placed back into service.
		Water	WCO-1r	Canceled	Area inaccessible due to downed tree blocking the road. Tree removal delayed due site activities preventing access to remove tree. Tree was subsequently removed allowing road access.
	3	Los Alamos	DP Spring	Canceled	Area inaccessible due to spring being covered by cliff erosion debris
			LAUZ-1	Canceled	Water inside well was determined to be runoff and not representative of groundwater in the area based on evaluation of field parameter data.
			LLAO-1b	Canceled	Site was dry
		Pueblo	TW-2Ar	Canceled	Mechanical issues

*S3 = Screen 3.

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 New Mexico Administrative Code (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 2022, 702141).

[c] EPA MCLs (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	2.85–3.86	SW-846:8270E	3	µg/L	NM GW STD[a]	GELC[b]
Azobenzene	2.85–3.86	SW-846:8270E	1.2	µg/L	EPA TAP SCRN LVL[c]	GELC
Benzidine	3.7–5.02	SW-846:8270E	0.00109	µg/L	NMED A1 TAP SCRN LVL[d]	GELC
Benzo(a)anthracene	0.3–0.33	SW-846:8270D	0.12	µg/L	NMED A1 TAP SCRN LVL	GELC
Benzo(a)anthracene	0.285–0.386	SW-846:8270E	0.12	µg/L	NMED A1 TAP SCRN LVL	GELC
Benzo(a)pyrene	0.285–0.386	SW-846:8270E	0.2	µg/L	NM GW STD	GELC
Benzo(b)fluoranthene	0.285–0.386	SW-846:8270E	0.343	µg/L	NMED A1 TAP SCRN LVL	GELC
Bis(2-chloroethyl)ether	2.85–3.86	SW-846:8270E	0.137	µg/L	NMED A1 TAP SCRN LVL	GELC
Chloroaniline[4-]	3.13–4.25	SW-846:8270E	3.7	µg/L	EPA TAP SCRN LVL	GELC
Dibenz(a,h)anthracene	0.3–0.33	SW-846:8270D	0.0343	µg/L	NMED A1 TAP SCRN LVL	GELC
Dibenz(a,h)anthracene	0.285–0.386	SW-846:8270E	0.0343	µg/L	NMED A1 TAP SCRN LVL	GELC
Dichlorobenzidine[3,3'-]	2.85–3.86	SW-846:8270E	1.25	µg/L	NMED A1 TAP SCRN LVL	GELC
Dinitro-2-methylphenol[4,6-]	2.85–3.86	SW-846:8270E	1.52	µg/L	NMED A1 TAP SCRN LVL	GELC
Dinitrotoluene[2,4-]	2.85–3.86	SW-846:8270E	2.37	µg/L	NMED A1 TAP SCRN LVL	GELC
Dinitrotoluene[2,6-]	2.85–3.86	SW-846:8270E	0.485	µg/L	NMED A1 TAP SCRN LVL	GELC
Hexachlorobenzene	2.85–3.86	SW-846:8270E	1	µg/L	EPA MCL[e]	GELC
Hexachlorobutadiene	2.85–3.86	SW-846:8270E	1.39	µg/L	NMED A1 TAP SCRN LVL	GELC
Hexachloroethane	2.85–3.86	SW-846:8270E	3.28	µg/L	NMED A1 TAP SCRN LVL	GELC
Indeno(1,2,3-cd)pyrene	0.285–0.386	SW-846:8270E	0.343	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrobenzene	2.94–3.1	SW-846:8270D	1.4	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrobenzene	2.85–3.86	SW-846:8270E	1.4	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitroso-di-n-butylamine[N-]	2.85–3.86	SW-846:8270E	0.0273	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
Nitroso-di-n-propylamine[N-]	2.85–3.86	SW-846:8270E	0.11	µg/L	EPA TAP SCRN LVL	GELC
Nitrosodiethylamine[N-]	2.85–3.86	SW-846:8270E	0.00167	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrosodimethylamine[N-]	2.85–3.86	SW-846:8270E	0.00491	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrosopyrrolidine[N-]	2.85–3.86	SW-846:8270E	0.37	µg/L	NMED A1 TAP SCRN LVL	GELC
Pentachlorobenzene	2.85–3.86	SW-846:8270E	3.07	µg/L	NMED A1 TAP SCRN LVL	GELC
Pentachlorophenol	2.85–3.86	SW-846:8270E	1	µg/L	NM GW STD	GELC
Tetrachlorobenzene[1,2,4,5]	2.85–3.86	SW-846:8270E	1.66	µg/L	NMED A1 TAP SCRN LVL	GELC
Volatile Organic Compounds						
Acrolein	1.67	SW-846:8260D	0.0415	µg/L	NMED A1 TAP SCRN LVL	GELC
Acrylonitrile	1.67	SW-846:8260D	0.523	µg/L	NMED A1 TAP SCRN LVL	GELC
Chloro-1,3-butadiene[2-]	0.333	SW-846:8260D	0.187	µg/L	NMED A1 TAP SCRN LVL	GELC
Dibromo-3-chloropropane[1,2-]	0.333	SW-846:8260D	0.2	µg/L	EPA MCL	GELC
Dibromoethane[1,2-]	0.333	SW-846:8260D	0.05	µg/L	NM GW STD	GELC
Dioxane[1,4-]	16.7	SW-846:8260D	4.59	µg/L	NMED A1 TAP SCRN LVL	GELC
Trichloropropane[1,2,3-]	0.333	SW-846:8260D	0.00835	µg/L	NMED A1 TAP SCRN LVL	GELC
Dioxins and Furans						
Tetrachlorodibenzofuran[2,3,7,8-]	0.0000038–0.0000041	SW-846:8290A	0.00000184	µg/L	NMED A1 TAP SCRN LVL	CFA[f]

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

[a] NM GW STD = NMWQCC groundwater standard.

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

[c] EPA TAP SCRN LVL = EPA screening level for tap water.

[d] NMED A1 TAP SCRN LVL = NMED screening level for tap water.

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

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

Table 4.2-2
Target Analytes with MDL Ranges Below and Above Screening Values

Analyte Name	MDL	Analytical Method	Screening Value	Unit	Screening Value Type	Lab ID
Semivolatile Organic Compounds						
Atrazine	2.85-3.86	SW-846:8270E	3	µg/L	NM GW STD[a]	GELC[b]
Benzo(b)fluoranthene	0.285-0.386	SW-846:8270E	0.343	µg/L	NMED A1 TAP SCRN LVL[c]	GELC
Chloroaniline[4-]	3.13-4.25	SW-846:8270E	3.7	µg/L	EPA TAP SCRN LVL[d]	GELC
Hexachloroethane	2.85-3.86	SW-846:8270E	3.28	µg/L	NMED A1 TAP SCRN LVL	GELC
Indeno(1,2,3-cd)pyrene	0.285-0.386	SW-846:8270E	0.343	µg/L	NMED A1 TAP SCRN LVL	GELC
Pentachlorobenzene	2.85-3.86	SW-846:8270E	3.07	µg/L	NMED A1 TAP SCRN LVL	GELC

Notes: This table is applicable to samples reported in this PMR and includes historical data statistics 10 yr before the earliest start date of the PMEs addressed in this 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] NM GW STD = NMWQCC groundwater standard.

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

[c] NMED A1 TAP SCRN LVL = NMED screening level for tap water.

[d] EPA TAP SCRN LVL = EPA screening level for tap water.

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										
Spring 4	White Rock	2023	1	10/13/2022	Benzo(a)anthracene	UF[a]	0.384	µg/L	0.12	NMED A1 TAP SCRN LVL[b]
Spring 4	White Rock	2023	3	10/13/2022	Dibenz(a,h)anthracene	UF	0.355	µg/L	0.0343	NMED A1 TAP SCRN LVL
Alluvial Wells										
MCO-5	Mortandad	2022	4	07/21/2022	Strontium-90	UF	34.2	pCi/L	8	EPA MCL[c]
PAO-5n	Pueblo	2023	3	06/06/2023	PFOS	UF	111.0	ng/L	60	NMED A1 TAP SCRN LVL
LAO-3a	Los Alamos	2023	3	06/13/2023	Strontium-90	UF	9.84	pCi/L	8	EPA MCL
Intermediate Wells										
POI-4	Pueblo	2023	3	06/07/2023	PFOS	UF	90.6	ng/L	60	NMED A1 TAP SCRN LVL
Regional Wells										
R-31 S3	Ancho	2022	4	09/09/2022	Iron	F[d]	1290	µg/L	1000	NM GW STD[e]
R-31 S3	Ancho	2023	2	02/13/2023	Iron	F	1110	µg/L	1000	NM GW STD

[a] UF = Unfiltered.

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

[c] EPA MCL (https://www.epa.gov/ground-water-and-drinking-water/national-primary-drinking-water-regulations).

[d] F = Filtered.

[e] NM GW STD = NMWQCC groundwater standard.

Appendix A

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

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
LAO-1.6g	10.47	4/10/2007	WG[a]	Dissolved Oxygen	11.93	mg/L	FU070400G16G01
LAO-1.6g	10.47	1/14/2008	WG	Dissolved Oxygen	6.27	mg/L	CALA-08-9760
LAO-1.6g	10.47	8/27/2008	WG	Dissolved Oxygen	7.50	mg/L	CALA-08-13825
LAO-1.6g	10.47	7/16/2009	WG	Dissolved Oxygen	10.81	mg/L	CALA-09-11114
LAO-1.6g	10.47	6/8/2023	WG	Dissolved Oxygen	6.33	mg/L	CALA-23-287712
LAO-1.6g	10.47	8/27/2008	WG	Flow (in gpm[b])	0.25	gal./min	CALA-08-13825
LAO-1.6g	10.47	7/16/2009	WG	Flow (in gpm)	0.26	gal./min	CALA-09-11114
LAO-1.6g	10.47	6/8/2023	WG	Flow (in gpm)	0.12	gal./min	CALA-23-287712
LAO-1.6g	10.47	4/10/2007	WG	Oxidation-Reduction Potential	487.00	mV	FU070400G16G01
LAO-1.6g	10.47	1/14/2008	WG	Oxidation-Reduction Potential	402.00	mV	CALA-08-9760
LAO-1.6g	10.47	8/27/2008	WG	Oxidation-Reduction Potential	204.00	mV	CALA-08-13825
LAO-1.6g	10.47	7/16/2009	WG	Oxidation-Reduction Potential	304.90	mV	CALA-09-11114
LAO-1.6g	10.47	6/8/2023	WG	Oxidation-Reduction Potential	200.50	mV	CALA-23-287712
LAO-1.6g	10.47	4/10/2007	WG	pH	6.60	SU[c]	FU070400G16G01
LAO-1.6g	10.47	1/14/2008	WG	pH	6.75	SU	CALA-08-9760
LAO-1.6g	10.47	8/27/2008	WG	pH	6.57	SU	CALA-08-13825
LAO-1.6g	10.47	7/16/2009	WG	pH	6.27	SU	CALA-09-11114
LAO-1.6g	10.47	6/8/2023	WG	pH	6.29	SU	CALA-23-287712
LAO-1.6g	10.47	4/10/2007	WG	Specific Conductance	424.00	µS/cm	FU070400G16G01
LAO-1.6g	10.47	1/14/2008	WG	Specific Conductance	302.00	µS/cm	CALA-08-9760
LAO-1.6g	10.47	8/27/2008	WG	Specific Conductance	301.00	µS/cm	CALA-08-13825
LAO-1.6g	10.47	7/16/2009	WG	Specific Conductance	307.00	µS/cm	CALA-09-11114
LAO-1.6g	10.47	6/8/2023	WG	Specific Conductance	656.00	µS/cm	CALA-23-287712
LAO-1.6g	10.47	4/10/2007	WG	Temperature	9.20	deg C	FU070400G16G01
LAO-1.6g	10.47	1/14/2008	WG	Temperature	9.40	deg C	CALA-08-9760
LAO-1.6g	10.47	8/27/2008	WG	Temperature	9.70	deg C	CALA-08-13825
LAO-1.6g	10.47	7/16/2009	WG	Temperature	9.62	deg C	CALA-09-11114
LAO-1.6g	10.47	6/8/2023	WG	Temperature	10.20	deg C	CALA-23-287712

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
LAO-1.6g	10.47	4/10/2007	WG	Turbidity	1.11	NTU[d]	FU070400G16G01
LAO-1.6g	10.47	1/14/2008	WG	Turbidity	4.41	NTU	CALA-08-9760
LAO-1.6g	10.47	8/27/2008	WG	Turbidity	2.91	NTU	CALA-08-13825
LAO-1.6g	10.47	7/16/2009	WG	Turbidity	1.18	NTU	CALA-09-11114
LAO-1.6g	10.47	6/8/2023	WG	Turbidity	0.44	NTU	CALA-23-287712
LAO-3a	4.7	6/18/2018	WG	Dissolved Oxygen	7.63	mg/L	CALA-18-68
LAO-3a	4.7	6/25/2019	WG	Dissolved Oxygen	3.79	mg/L	CALA-19-181495
LAO-3a	4.7	9/10/2020	WG	Dissolved Oxygen	5.64	mg/L	CALA-20-206439
LAO-3a	4.7	6/16/2021	WG	Dissolved Oxygen	7.61	mg/L	CALA-21-229549
LAO-3a	4.7	6/13/2023	WG	Dissolved Oxygen	7.84	mg/L	CALA-23-287714
LAO-3a	4.7	6/18/2018	WG	Flow (in gpm)	0.15	gal./min	CALA-18-68
LAO-3a	4.7	6/25/2019	WG	Flow (in gpm)	0.16	gal./min	CALA-19-181495
LAO-3a	4.7	9/10/2020	WG	Flow (in gpm)	0.13	gal./min	CALA-20-206439
LAO-3a	4.7	6/16/2021	WG	Flow (in gpm)	0.14	gal./min	CALA-21-229549
LAO-3a	4.7	6/13/2023	WG	Flow (in gpm)	0.12	gal./min	CALA-23-287714
LAO-3a	4.7	6/18/2018	WG	Oxidation-Reduction Potential	204.7	mV	CALA-18-68
LAO-3a	4.7	6/25/2019	WG	Oxidation-Reduction Potential	158.4	mV	CALA-19-181495
LAO-3a	4.7	9/10/2020	WG	Oxidation-Reduction Potential	205.4	mV	CALA-20-206439
LAO-3a	4.7	6/16/2021	WG	Oxidation-Reduction Potential	205.8	mV	CALA-21-229549
LAO-3a	4.7	6/13/2023	WG	Oxidation-Reduction Potential	121.1	mV	CALA-23-287714
LAO-3a	4.7	6/18/2018	WG	pH	6.73	SU	CALA-18-68
LAO-3a	4.7	6/25/2019	WG	pH	6.67	SU	CALA-19-181495
LAO-3a	4.7	9/10/2020	WG	pH	6.52	SU	CALA-20-206439
LAO-3a	4.7	6/16/2021	WG	pH	6.97	SU	CALA-21-229549
LAO-3a	4.7	6/13/2023	WG	pH	6.75	SU	CALA-23-287714
LAO-3a	4.7	6/18/2018	WG	Specific Conductance	344.3	µS/cm	CALA-18-68
LAO-3a	4.7	6/25/2019	WG	Specific Conductance	492.6	µS/cm	CALA-19-181495
LAO-3a	4.7	9/10/2020	WG	Specific Conductance	496.3	µS/cm	CALA-20-206439

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
LAO-3a	4.7	6/16/2021	WG	Specific Conductance	304.6	µS/cm	CALA-21-229549
LAO-3a	4.7	6/13/2023	WG	Specific Conductance	405.1	µS/cm	CALA-23-287714
LAO-3a	4.7	6/18/2018	WG	Temperature	10.8	deg C	CALA-18-68
LAO-3a	4.7	6/25/2019	WG	Temperature	11.3	deg C	CALA-19-181495
LAO-3a	4.7	9/10/2020	WG	Temperature	12.4	deg C	CALA-20-206439
LAO-3a	4.7	6/16/2021	WG	Temperature	10.6	deg C	CALA-21-229549
LAO-3a	4.7	6/13/2023	WG	Temperature	10.6	deg C	CALA-23-287714
LAO-3a	4.7	6/18/2018	WG	Turbidity	0.9	NTU	CALA-18-68
LAO-3a	4.7	6/25/2019	WG	Turbidity	3.39	NTU	CALA-19-181495
LAO-3a	4.7	9/10/2020	WG	Turbidity	4.63	NTU	CALA-20-206439
LAO-3a	4.7	6/16/2021	WG	Turbidity	4.38	NTU	CALA-21-229549
LAO-3a	4.7	6/13/2023	WG	Turbidity	2.68	NTU	CALA-23-287714
LLAO-4	5.24	6/19/2018	WG	Dissolved Oxygen	3.72	mg/L	CALA-18-65
LLAO-4	5.24	6/18/2019	WG	Dissolved Oxygen	0.9	mg/L	CALA-19-181491
LLAO-4	5.24	9/3/2020	WG	Dissolved Oxygen	4.75	mg/L	CALA-20-206432
LLAO-4	5.24	6/15/2021	WG	Dissolved Oxygen	3.93	mg/L	CALA-21-229533
LLAO-4	5.24	6/28/2022	WG	Dissolved Oxygen	4.47	mg/L	CALA-22-250821
LLAO-4	5.24	6/15/2023	WG	Dissolved Oxygen	3.92	mg/L	CALA-23-287710
LLAO-4	5.24	6/19/2018	WG	Flow (in gpm)	0.25	gal./min	CALA-18-65
LLAO-4	5.24	6/18/2019	WG	Flow (in gpm)	0.28	gal./min	CALA-19-181491
LLAO-4	5.24	9/3/2020	WG	Flow (in gpm)	0.24	gal./min	CALA-20-206432
LLAO-4	5.24	6/15/2021	WG	Flow (in gpm)	0.26	gal./min	CALA-21-229533
LLAO-4	5.24	6/28/2022	WG	Flow (in gpm)	0.26	gal./min	CALA-22-250821
LLAO-4	5.24	6/15/2023	WG	Flow (in gpm)	0.22	gal./min	CALA-23-287710
LLAO-4	5.24	6/19/2018	WG	Oxidation-Reduction Potential	186.4	mV	CALA-18-65
LLAO-4	5.24	6/18/2019	WG	Oxidation-Reduction Potential	188.5	mV	CALA-19-181491
LLAO-4	5.24	9/3/2020	WG	Oxidation-Reduction Potential	214.1	mV	CALA-20-206432
LLAO-4	5.24	6/15/2021	WG	Oxidation-Reduction Potential	226.60	mV	CALA-21-229533

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
LLAO-4	5.24	6/28/2022	WG	Oxidation-Reduction Potential	204.2	mV	CALA-22-250821
LLAO-4	5.24	6/15/2023	WG	Oxidation-Reduction Potential	186.8	mV	CALA-23-287710
LLAO-4	5.24	6/19/2018	WG	pH	6.79	SU	CALA-18-65
LLAO-4	5.24	6/18/2019	WG	pH	6.9	SU	CALA-19-181491
LLAO-4	5.24	9/3/2020	WG	pH	7.01	SU	CALA-20-206432
LLAO-4	5.24	6/15/2021	WG	pH	6.86	SU	CALA-21-229533
LLAO-4	5.24	6/28/2022	WG	pH	6.96	SU	CALA-22-250821
LLAO-4	5.24	6/15/2023	WG	pH	6.71	SU	CALA-23-287710
LLAO-4	5.24	6/19/2018	WG	Specific Conductance	431.4	µS/cm	CALA-18-65
LLAO-4	5.24	6/18/2019	WG	Specific Conductance	570	µS/cm	CALA-19-181491
LLAO-4	5.24	9/3/2020	WG	Specific Conductance	462.9	µS/cm	CALA-20-206432
LLAO-4	5.24	6/15/2021	WG	Specific Conductance	417.50	µS/cm	CALA-21-229533
LLAO-4	5.24	6/28/2022	WG	Specific Conductance	390.6	µS/cm	CALA-22-250821
LLAO-4	5.24	6/15/2023	WG	Specific Conductance	366.2	µS/cm	CALA-23-287710
LLAO-4	5.24	6/19/2018	WG	Temperature	13.8	deg C	CALA-18-65
LLAO-4	5.24	6/18/2019	WG	Temperature	13.5	deg C	CALA-19-181491
LLAO-4	5.24	9/3/2020	WG	Temperature	15.6	deg C	CALA-20-206432
LLAO-4	5.24	6/15/2021	WG	Temperature	13.70	deg C	CALA-21-229533
LLAO-4	5.24	6/28/2022	WG	Temperature	14.1	deg C	CALA-22-250821
LLAO-4	5.24	6/15/2023	WG	Temperature	13.5	deg C	CALA-23-287710
LLAO-4	5.24	6/19/2018	WG	Turbidity	0.38	NTU	CALA-18-65
LLAO-4	5.24	6/18/2019	WG	Turbidity	1.46	NTU	CALA-19-181491
LLAO-4	5.24	9/3/2020	WG	Turbidity	1.66	NTU	CALA-20-206432
LLAO-4	5.24	6/15/2021	WG	Turbidity	0.73	NTU	CALA-21-229533
LLAO-4	5.24	6/28/2022	WG	Turbidity	2.04	NTU	CALA-22-250821
LLAO-4	5.24	6/15/2023	WG	Turbidity	0.12	NTU	CALA-23-287710
Los Alamos Spring	—[e]	5/28/2015	WG	Dissolved Oxygen	8.31	mg/L	CALA-15-97427
Los Alamos Spring	—	9/9/2020	WG	Dissolved Oxygen	8.61	mg/L	CALA-20-206423

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Los Alamos Spring	—	6/8/2021	WG	Dissolved Oxygen	8.25	mg/L	CALA-21-229522
Los Alamos Spring	—	6/21/2022	WG	Dissolved Oxygen	8.37	mg/L	CALA-22-250801
Los Alamos Spring	—	6/20/2023	WG	Dissolved Oxygen	8.22	mg/L	CALA-23-287704
Los Alamos Spring	—	5/28/2015	WG	Flow (in gpm)	not collected	gal./min	CALA-15-97427
Los Alamos Spring	—	9/9/2020	WG	Flow (in gpm)	0.49	gal./min	CALA-20-206423
Los Alamos Spring	—	6/8/2021	WG	Flow (in gpm)	0.4	gal./min	CALA-21-229522
Los Alamos Spring	—	6/21/2022	WG	Flow (in gpm)	0.63	gal./min	CALA-22-250801
Los Alamos Spring	—	6/20/2023	WG	Flow (in gpm)	0.4	gal./min	CALA-23-287704
Los Alamos Spring	—	5/28/2015	WG	pH	7.78	SU	CALA-15-97427
Los Alamos Spring	—	9/9/2020	WG	pH	7.67	SU	CALA-20-206423
Los Alamos Spring	—	6/8/2021	WG	pH	7.99	SU	CALA-21-229522
Los Alamos Spring	—	6/21/2022	WG	pH	7.81	SU	CALA-22-250801
Los Alamos Spring	—	6/20/2023	WG	pH	7.94	SU	CALA-23-287704
Los Alamos Spring	—	5/28/2015	WG	Specific Conductance	337	µS/cm	CALA-15-97427
Los Alamos Spring	—	9/9/2020	WG	Specific Conductance	342.1	µS/cm	CALA-20-206423
Los Alamos Spring	—	6/8/2021	WG	Specific Conductance	336.4	µS/cm	CALA-21-229522
Los Alamos Spring	—	6/21/2022	WG	Specific Conductance	335.2	µS/cm	CALA-22-250801
Los Alamos Spring	—	6/20/2023	WG	Specific Conductance	339.5	µS/cm	CALA-23-287704
Los Alamos Spring	—	5/28/2015	WG	Temperature	14.4	deg C	CALA-15-97427
Los Alamos Spring	—	9/9/2020	WG	Temperature	11.7	deg C	CALA-20-206423
Los Alamos Spring	—	6/8/2021	WG	Temperature	15.4	deg C	CALA-21-229522
Los Alamos Spring	—	6/21/2022	WG	Temperature	14.1	deg C	CALA-22-250801
Los Alamos Spring	—	6/20/2023	WG	Temperature	15.8	deg C	CALA-23-287704
Los Alamos Spring	—	5/28/2015	WG	Turbidity	11.5	NTU	CALA-15-97427
Los Alamos Spring	—	9/9/2020	WG	Turbidity	4.09	NTU	CALA-20-206423
Los Alamos Spring	—	6/8/2021	WG	Turbidity	2.81	NTU	CALA-21-229522
Los Alamos Spring	—	6/21/2022	WG	Turbidity	2.67	NTU	CALA-22-250801
Los Alamos Spring	—	6/20/2023	WG	Turbidity	4.77	NTU	CALA-23-287704

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
MCO-5	21.0	7/6/2010	WG	Dissolved Oxygen	9.09	mg/L	CAMO-10-22811
MCO-5	21.0	8/12/2015	WG	Dissolved Oxygen	8.6	mg/L	CAMO-15-102569
MCO-5	21.0	7/29/2016	WG	Dissolved Oxygen	7.42	mg/L	CAMO-16-124258
MCO-5	21.0	7/22/2019	WG	Dissolved Oxygen	5.52	mg/L	CAMO-19-182773
MCO-5	21.0	7/21/2022	WG	Dissolved Oxygen	8.18	mg/L	CAMO-22-252007
MCO-5	21.0	7/6/2010	WG	Flow (in gpm)	not collected	gal./min	CAMO-10-22811
MCO-5	21.0	8/12/2015	WG	Flow (in gpm)	0.24	gal./min	CAMO-15-102569
MCO-5	21.0	7/29/2016	WG	Flow (in gpm)	0.18	gal./min	CAMO-16-124258
MCO-5	21.0	7/22/2019	WG	Flow (in gpm)	0.25	gal./min	CAMO-19-182773
MCO-5	21.0	7/21/2022	WG	Flow (in gpm)	0.22	gal./min	CAMO-22-252007
MCO-5	21.0	7/6/2010	WG	Oxidation-Reduction Potential	238.3	mV	CAMO-10-22811
MCO-5	21.0	8/12/2015	WG	Oxidation-Reduction Potential	102.9	mV	CAMO-15-102569
MCO-5	21.0	7/29/2016	WG	Oxidation-Reduction Potential	278	mV	CAMO-16-124258
MCO-5	21.0	7/22/2019	WG	Oxidation-Reduction Potential	202.7	mV	CAMO-19-182773
MCO-5	21.0	7/21/2022	WG	Oxidation-Reduction Potential	174.5	mV	CAMO-22-252007
MCO-5	21.0	7/6/2010	WG	pH	6.36	SU	CAMO-10-22811
MCO-5	21.0	8/12/2015	WG	pH	6.54	SU	CAMO-15-102569
MCO-5	21.0	7/29/2016	WG	pH	6.79	SU	CAMO-16-124258
MCO-5	21.0	7/22/2019	WG	pH	6.58	SU	CAMO-19-182773
MCO-5	21.0	7/21/2022	WG	pH	6.8	SU	CAMO-22-252007
MCO-5	21.0	7/6/2010	WG	Specific Conductance	543	µS/cm	CAMO-10-22811
MCO-5	21.0	8/12/2015	WG	Specific Conductance	622	µS/cm	CAMO-15-102569
MCO-5	21.0	7/29/2016	WG	Specific Conductance	466.7	µS/cm	CAMO-16-124258
MCO-5	21.0	7/22/2019	WG	Specific Conductance	541	µS/cm	CAMO-19-182773
MCO-5	21.0	7/21/2022	WG	Specific Conductance	544	µS/cm	CAMO-22-252007
MCO-5	21.0	7/6/2010	WG	Temperature	9.01	deg C	CAMO-10-22811
MCO-5	21.0	8/12/2015	WG	Temperature	11.41	deg C	CAMO-15-102569
MCO-5	21.0	7/29/2016	WG	Temperature	11.56	deg C	CAMO-16-124258

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
MCO-5	21.0	7/22/2019	WG	Temperature	8.8	deg C	CAMO-19-182773
MCO-5	21.0	7/21/2022	WG	Temperature	10.8	deg C	CAMO-22-252007
MCO-5	21.0	7/6/2010	WG	Turbidity	4.9	NTU	CAMO-10-22811
MCO-5	21.0	8/12/2015	WG	Turbidity	5.1	NTU	CAMO-15-102569
MCO-5	21.0	7/29/2016	WG	Turbidity	14.7	NTU	CAMO-16-124258
MCO-5	21.0	7/22/2019	WG	Turbidity	4.69	NTU	CAMO-19-182773
MCO-5	21.0	7/21/2022	WG	Turbidity	3.76	NTU	CAMO-22-252007
PAO-5n	7.43	6/19/2017	WG	Dissolved Oxygen	3.74	mg/L	CAPU-17-139098
PAO-5n	7.43	6/12/2018	WG	Dissolved Oxygen	4.55	mg/L	CAPU-18-76
PAO-5n	7.43	6/20/2019	WG	Dissolved Oxygen	3.58	mg/L	CAPU-19-181503
PAO-5n	7.43	6/24/2022	WG	Dissolved Oxygen	4.4	mg/L	CAPU-22-250824
PAO-5n	7.43	6/6/2023	WG	Dissolved Oxygen	3.29	mg/L	CAPU-23-287719
PAO-5n	7.43	6/19/2017	WG	Flow (in gpm)	0.05	gal./min	CAPU-17-139098
PAO-5n	7.43	6/12/2018	WG	Flow (in gpm)	0.06	gal./min	CAPU-18-76
PAO-5n	7.43	6/20/2019	WG	Flow (in gpm)	0.07	gal./min	CAPU-19-181503
PAO-5n	7.43	6/24/2022	WG	Flow (in gpm)	0.07	gal./min	CAPU-22-250824
PAO-5n	7.43	6/6/2023	WG	Flow (in gpm)	0.063	gal./min	CAPU-23-287719
PAO-5n	7.43	6/19/2017	WG	Oxidation-Reduction Potential	161.7	mV	CAPU-17-139098
PAO-5n	7.43	6/12/2018	WG	Oxidation-Reduction Potential	302.8	mV	CAPU-18-76
PAO-5n	7.43	6/20/2019	WG	Oxidation-Reduction Potential	214.8	mV	CAPU-19-181503
PAO-5n	7.43	6/24/2022	WG	Oxidation-Reduction Potential	194.3	mV	CAPU-22-250824
PAO-5n	7.43	6/6/2023	WG	Oxidation-Reduction Potential	161.5	mV	CAPU-23-287719
PAO-5n	7.43	6/19/2017	WG	pH	6.27	SU	CAPU-17-139098
PAO-5n	7.43	6/12/2018	WG	pH	6.04	SU	CAPU-18-76
PAO-5n	7.43	6/20/2019	WG	pH	6.21	SU	CAPU-19-181503
PAO-5n	7.43	6/24/2022	WG	pH	6.56	SU	CAPU-22-250824
PAO-5n	7.43	6/6/2023	WG	pH	6.79	SU	CAPU-23-287719
PAO-5n	7.43	6/19/2017	WG	Specific Conductance	557	µS/cm	CAPU-17-139098

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
PAO-5n	7.43	6/12/2018	WG	Specific Conductance	498.6	µS/cm	CAPU-18-76
PAO-5n	7.43	6/20/2019	WG	Specific Conductance	484.1	µS/cm	CAPU-19-181503
PAO-5n	7.43	6/24/2022	WG	Specific Conductance	424.7	µS/cm	CAPU-22-250824
PAO-5n	7.43	6/6/2023	WG	Specific Conductance	410.7	µS/cm	CAPU-23-287719
PAO-5n	7.43	6/19/2017	WG	Temperature	11.3	deg C	CAPU-17-139098
PAO-5n	7.43	6/12/2018	WG	Temperature	11.8	deg C	CAPU-18-76
PAO-5n	7.43	6/20/2019	WG	Temperature	11	deg C	CAPU-19-181503
PAO-5n	7.43	6/24/2022	WG	Temperature	11.7	deg C	CAPU-22-250824
PAO-5n	7.43	6/6/2023	WG	Temperature	12.3	deg C	CAPU-23-287719
PAO-5n	7.43	6/19/2017	WG	Turbidity	7.4	NTU	CAPU-17-139098
PAO-5n	7.43	6/12/2018	WG	Turbidity	9.6	NTU	CAPU-18-76
PAO-5n	7.43	6/20/2019	WG	Turbidity	13.05	NTU	CAPU-19-181503
PAO-5n	7.43	6/24/2022	WG	Turbidity	20.85	NTU	CAPU-22-250824
PAO-5n	7.43	6/6/2023	WG	Turbidity	16.1	NTU	CAPU-23-287719
POI-4	159.0	6/19/2017	WG	Dissolved Oxygen	6.61	mg/L	CAPU-17-139099
POI-4	159.0	9/19/2018	WG	Dissolved Oxygen	7.85	mg/L	CAPU-18-160780
POI-4	159.0	6/12/2019	WG	Dissolved Oxygen	7.84	mg/L	CAPU-19-181504
POI-4	159.0	9/8/2020	WG	Dissolved Oxygen	7.69	mg/L	CAPU-20-206448
POI-4	159.0	6/10/2021	WG	Dissolved Oxygen	6.87	mg/L	CAPU-21-229566
POI-4	159.0	6/20/2022	WG	Dissolved Oxygen	7.68	mg/L	CAPU-22-250828
POI-4	159.0	6/7/2023	WG	Dissolved Oxygen	7.56	mg/L	CAPU-23-287721
POI-4	159.0	6/19/2017	WG	Flow (in gpm)	0.50	gal./min	CAPU-17-139099
POI-4	159.0	9/19/2018	WG	Flow (in gpm)	0.58	gal./min	CAPU-18-160780
POI-4	159.0	6/12/2019	WG	Flow (in gpm)	0.48	gal./min	CAPU-19-181504
POI-4	159.0	9/8/2020	WG	Flow (in gpm)	0.63	gal./min	CAPU-20-206448
POI-4	159.0	6/10/2021	WG	Flow (in gpm)	0.57	gal./min	CAPU-21-229566
POI-4	159.0	6/20/2022	WG	Flow (in gpm)	0.40	gal./min	CAPU-22-250828
POI-4	159.0	6/7/2023	WG	Flow (in gpm)	0.61	gal./min	CAPU-23-287721

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
POI-4	159.0	6/19/2017	WG	Oxidation-Reduction Potential	176.5	mV	CAPU-17-139099
POI-4	159.0	9/19/2018	WG	Oxidation-Reduction Potential	319.1	mV	CAPU-18-160780
POI-4	159.0	6/12/2019	WG	Oxidation-Reduction Potential	194.4	mV	CAPU-19-181504
POI-4	159.0	9/8/2020	WG	Oxidation-Reduction Potential	219.6	mV	CAPU-20-206448
POI-4	159.0	6/10/2021	WG	Oxidation-Reduction Potential	342.60	mV	CAPU-21-229566
POI-4	159.0	6/20/2022	WG	Oxidation-Reduction Potential	177.7	mV	CAPU-22-250828
POI-4	159.0	6/7/2023	WG	Oxidation-Reduction Potential	127.4	mV	CAPU-23-287721
POI-4	159.0	6/19/2017	WG	pH	7.35	SU	CAPU-17-139099
POI-4	159.0	9/19/2018	WG	pH	7	SU	CAPU-18-160780
POI-4	159.0	6/12/2019	WG	pH	7	SU	CAPU-19-181504
POI-4	159.0	9/8/2020	WG	pH	6.92	SU	CAPU-20-206448
POI-4	159.0	6/10/2021	WG	pH	6.87	SU	CAPU-21-229566
POI-4	159.0	6/20/2022	WG	pH	7.18	SU	CAPU-22-250828
POI-4	159.0	6/7/2023	WG	pH	6.82	SU	CAPU-23-287721
POI-4	159.0	6/19/2017	WG	Specific Conductance	588	µS/cm	CAPU-17-139099
POI-4	159.0	9/19/2018	WG	Specific Conductance	590	µS/cm	CAPU-18-160780
POI-4	159.0	6/12/2019	WG	Specific Conductance	579	µS/cm	CAPU-19-181504
POI-4	159.0	9/8/2020	WG	Specific Conductance	603	µS/cm	CAPU-20-206448
POI-4	159.0	6/10/2021	WG	Specific Conductance	586.00	µS/cm	CAPU-21-229566
POI-4	159.0	6/20/2022	WG	Specific Conductance	589	µS/cm	CAPU-22-250828
POI-4	159.0	6/7/2023	WG	Specific Conductance	541	µS/cm	CAPU-23-287721
POI-4	159.0	6/19/2017	WG	Temperature	12.5	deg C	CAPU-17-139099
POI-4	159.0	9/19/2018	WG	Temperature	11.9	deg C	CAPU-18-160780
POI-4	159.0	6/12/2019	WG	Temperature	13.3	deg C	CAPU-19-181504
POI-4	159.0	9/8/2020	WG	Temperature	12.9	deg C	CAPU-20-206448
POI-4	159.0	6/10/2021	WG	Temperature	11.90	deg C	CAPU-21-229566
POI-4	159.0	6/20/2022	WG	Temperature	11.90	deg C	CAPU-22-250828
POI-4	159.0	6/7/2023	WG	Temperature	12	deg C	CAPU-23-287721

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
POI-4	159.0	6/19/2017	WG	Turbidity	11.6	NTU	CAPU-17-139099
POI-4	159.0	9/19/2018	WG	Turbidity	6.73	NTU	CAPU-18-160780
POI-4	159.0	6/12/2019	WG	Turbidity	5.43	NTU	CAPU-19-181504
POI-4	159.0	9/8/2020	WG	Turbidity	3.99	NTU	CAPU-20-206448
POI-4	159.0	6/10/2021	WG	Turbidity	2.25	NTU	CAPU-21-229566
POI-4	159.0	6/20/2022	WG	Turbidity	1.56	NTU	CAPU-22-250828
POI-4	159.0	6/7/2023	WG	Turbidity	29.6	NTU	CAPU-23-287721
R-10 S1[f]	874	11/14/2018	WG	Dissolved Oxygen	6.19	mg/L	CASA-19-164034
R-10 S1	874	11/7/2019	WG	Dissolved Oxygen	6.04	mg/L	CASA-20-189237
R-10 S1	874	11/5/2020	WG	Dissolved Oxygen	6.20	mg/L	CASA-21-210605
R-10 S1	874	11/4/2021	WG	Dissolved Oxygen	6.31	mg/L	CASA-22-236463
R-10 S1	874	11/3/2022	WG	Dissolved Oxygen	6.12	mg/L	CASA-23-261126
R-10 S1	874	11/14/2018	WG	Oxidation-Reduction Potential	285.20	mV	CASA-19-164034
R-10 S1	874	11/7/2019	WG	Oxidation-Reduction Potential	96.40	mV	CASA-20-189237
R-10 S1	874	11/5/2020	WG	Oxidation-Reduction Potential	233.40	mV	CASA-21-210605
R-10 S1	874	11/4/2021	WG	Oxidation-Reduction Potential	84.90	mV	CASA-22-236463
R-10 S1	874	11/3/2022	WG	Oxidation-Reduction Potential	147.00	mV	CASA-23-261126
R-10 S1	874	11/14/2018	WG	pH	8.06	SU	CASA-19-164034
R-10 S1	874	11/7/2019	WG	pH	8.16	SU	CASA-20-189237
R-10 S1	874	11/5/2020	WG	pH	8.04	SU	CASA-21-210605
R-10 S1	874	11/4/2021	WG	pH	8.21	SU	CASA-22-236463
R-10 S1	874	11/3/2022	WG	pH	8.11	SU	CASA-23-261126
R-10 S1	874	11/14/2018	WG	Specific Conductance	179.70	µS/cm	CASA-19-164034
R-10 S1	874	11/7/2019	WG	Specific Conductance	176.80	µS/cm	CASA-20-189237
R-10 S1	874	11/5/2020	WG	Specific Conductance	173.30	µS/cm	CASA-21-210605
R-10 S1	874	11/4/2021	WG	Specific Conductance	177.50	µS/cm	CASA-22-236463
R-10 S1	874	11/3/2022	WG	Specific Conductance	177.20	µS/cm	CASA-23-261126
R-10 S1	874	11/14/2018	WG	Temperature	22.90	deg C	CASA-19-164034

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-10 S1	874	11/7/2019	WG	Temperature	22.50	deg C	CASA-20-189237
R-10 S1	874	11/5/2020	WG	Temperature	23.30	deg C	CASA-21-210605
R-10 S1	874	11/4/2021	WG	Temperature	23.10	deg C	CASA-22-236463
R-10 S1	874	11/3/2022	WG	Temperature	23.30	deg C	CASA-23-261126
R-10 S1	874	11/14/2018	WG	Turbidity	1.40	NTU	CASA-19-164034
R-10 S1	874	11/7/2019	WG	Turbidity	1.14	NTU	CASA-20-189237
R-10 S1	874	11/5/2020	WG	Turbidity	0.50	NTU	CASA-21-210605
R-10 S1	874	11/4/2021	WG	Turbidity	0.94	NTU	CASA-22-236463
R-10 S1	874	11/3/2022	WG	Turbidity	0.19	NTU	CASA-23-261126
R-10 S2[g]	1042	11/14/2018	WG	Dissolved Oxygen	5.79	mg/L	CASA-19-164038
R-10 S2	1042	11/7/2019	WG	Dissolved Oxygen	6.37	mg/L	CASA-20-189269
R-10 S2	1042	11/5/2020	WG	Dissolved Oxygen	6.15	mg/L	CASA-21-210610
R-10 S2	1042	11/4/2021	WG	Dissolved Oxygen	6.48	mg/L	CASA-22-236467
R-10 S2	1042	11/3/2022	WG	Dissolved Oxygen	6.27	mg/L	CASA-23-261128
R-10 S2	1042	11/14/2018	WG	Oxidation-Reduction Potential	278.50	mV	CASA-19-164038
R-10 S2	1042	11/7/2019	WG	Oxidation-Reduction Potential	77.00	mV	CASA-20-189269
R-10 S2	1042	11/5/2020	WG	Oxidation-Reduction Potential	230.70	mV	CASA-21-210610
R-10 S2	1042	11/4/2021	WG	Oxidation-Reduction Potential	80.10	mV	CASA-22-236467
R-10 S2	1042	11/3/2022	WG	Oxidation-Reduction Potential	105.30	mV	CASA-23-261128
R-10 S2	1042	11/14/2018	WG	pH	8.03	SU	CASA-19-164038
R-10 S2	1042	11/7/2019	WG	pH	8.03	SU	CASA-20-189269
R-10 S2	1042	11/5/2020	WG	pH	7.97	SU	CASA-21-210610
R-10 S2	1042	11/4/2021	WG	pH	8.12	SU	CASA-22-236467
R-10 S2	1042	11/3/2022	WG	pH	8.07	SU	CASA-23-261128
R-10 S2	1042	11/14/2018	WG	Specific Conductance	204.40	µS/cm	CASA-19-164038
R-10 S2	1042	11/7/2019	WG	Specific Conductance	199.90	µS/cm	CASA-20-189269
R-10 S2	1042	11/5/2020	WG	Specific Conductance	194.30	µS/cm	CASA-21-210610
R-10 S2	1042	11/4/2021	WG	Specific Conductance	200.00	µS/cm	CASA-22-236467

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-10 S2	1042	11/3/2022	WG	Specific Conductance	199.30	µS/cm	CASA-23-261128
R-10 S2	1042	11/14/2018	WG	Temperature	24.00	deg C	CASA-19-164038
R-10 S2	1042	11/7/2019	WG	Temperature	24.40	deg C	CASA-20-189269
R-10 S2	1042	11/5/2020	WG	Temperature	23.70	deg C	CASA-21-210610
R-10 S2	1042	11/4/2021	WG	Temperature	24.10	deg C	CASA-22-236467
R-10 S2	1042	11/3/2022	WG	Temperature	23.80	deg C	CASA-23-261128
R-10 S2	1042	11/14/2018	WG	Turbidity	4.30	NTU	CASA-19-164038
R-10 S2	1042	11/7/2019	WG	Turbidity	2.68	NTU	CASA-20-189269
R-10 S2	1042	11/5/2020	WG	Turbidity	0.70	NTU	CASA-21-210610
R-10 S2	1042	11/4/2021	WG	Turbidity	1.33	NTU	CASA-22-236467
R-10 S2	1042	11/3/2022	WG	Turbidity	0.93	NTU	CASA-23-261128
R-10a	690.0	11/5/2020	WG	Dissolved Oxygen	6.11	mg/L	CASA-21-210613
R-10a	690.0	5/18/2021	WG	Dissolved Oxygen	5.93	mg/L	CASA-21-224396
R-10a	690.0	11/4/2021	WG	Dissolved Oxygen	6.05	mg/L	CASA-22-236471
R-10a	690.0	5/6/2022	WG	Dissolved Oxygen	6.53	mg/L	CASA-22-249212
R-10a	690.0	5/11/2023	WG	Dissolved Oxygen	5.92	mg/L	CASA-23-282086
R-10a	690.0	11/5/2020	WG	Flow (in gpm)	5.08	gal./min	CASA-21-210613
R-10a	690.0	5/18/2021	WG	Flow (in gpm)	5.17	gal./min	CASA-21-224396
R-10a	690.0	11/4/2021	WG	Flow (in gpm)	5	gal./min	CASA-22-236471
R-10a	690.0	5/6/2022	WG	Flow (in gpm)	5	gal./min	CASA-22-249212
R-10a	690.0	5/11/2023	WG	Flow (in gpm)	5	gal./min	CASA-23-282086
R-10a	690.0	11/5/2020	WG	Oxidation-Reduction Potential	163.6	mV	CASA-21-210613
R-10a	690.0	5/18/2021	WG	Oxidation-Reduction Potential	185.5	mV	CASA-21-224396
R-10a	690.0	11/4/2021	WG	Oxidation-Reduction Potential	237.5	mV	CASA-22-236471
R-10a	690.0	5/6/2022	WG	Oxidation-Reduction Potential	192.8	mV	CASA-22-249212
R-10a	690.0	5/11/2023	WG	Oxidation-Reduction Potential	129.3	mV	CASA-23-282086
R-10a	690.0	11/5/2020	WG	pH	7.68	SU	CASA-21-210613
R-10a	690.0	5/18/2021	WG	pH	7.92	SU	CASA-21-224396

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-10a	690.0	11/4/2021	WG	pH	7.83	SU	CASA-22-236471
R-10a	690.0	5/6/2022	WG	pH	7.81	SU	CASA-22-249212
R-10a	690.0	5/11/2023	WG	pH	8	SU	CASA-23-282086
R-10a	690.0	11/5/2020	WG	Specific Conductance	227	µS/cm	CASA-21-210613
R-10a	690.0	5/18/2021	WG	Specific Conductance	222.5	µS/cm	CASA-21-224396
R-10a	690.0	11/4/2021	WG	Specific Conductance	227.3	µS/cm	CASA-22-236471
R-10a	690.0	5/6/2022	WG	Specific Conductance	228.5	µS/cm	CASA-22-249212
R-10a	690.0	5/11/2023	WG	Specific Conductance	225.3	µS/cm	CASA-23-282086
R-10a	690.0	11/5/2020	WG	Temperature	21.1	deg C	CASA-21-210613
R-10a	690.0	5/18/2021	WG	Temperature	20.5	deg C	CASA-21-224396
R-10a	690.0	11/4/2021	WG	Temperature	20.3	deg C	CASA-22-236471
R-10a	690.0	5/6/2022	WG	Temperature	21.2	deg C	CASA-22-249212
R-10a	690.0	5/11/2023	WG	Temperature	21.6	deg C	CASA-23-282086
R-10a	690.0	11/5/2020	WG	Turbidity	0.61	NTU	CASA-21-210613
R-10a	690.0	5/18/2021	WG	Turbidity	0.29	NTU	CASA-21-224396
R-10a	690.0	11/4/2021	WG	Turbidity	0.21	NTU	CASA-22-236471
R-10a	690.0	5/6/2022	WG	Turbidity	2.34	NTU	CASA-22-249212
R-10a	690.0	5/11/2023	WG	Turbidity	0.39	NTU	CASA-23-282086
R-12 S2	504.5	7/27/2017	WG	Dissolved Oxygen	4.25	mg/L	CASA-17-142037
R-12 S2	504.5	7/25/2019	WG	Dissolved Oxygen	4.07	mg/L	CASA-19-182764
R-12 S2	504.5	8/7/2020	WG	Dissolved Oxygen	4.23	mg/L	CASA-20-199002
R-12 S2	504.5	7/23/2021	WG	Dissolved Oxygen	4.35	mg/L	CASA-21-231072
R-12 S2	504.5	7/15/2022	WG	Dissolved Oxygen	4.54	mg/L	CASA-22-252063
R-12 S2	504.5	7/27/2017	WG	Flow (in gpm)	10	gal./min	CASA-17-142037
R-12 S2	504.5	7/25/2019	WG	Flow (in gpm)	12	gal./min	CASA-19-182764
R-12 S2	504.5	8/7/2020	WG	Flow (in gpm)	11.54	gal./min	CASA-20-199002
R-12 S2	504.5	7/23/2021	WG	Flow (in gpm)	11.54	gal./min	CASA-21-231072
R-12 S2	504.5	7/15/2022	WG	Flow (in gpm)	12	gal./min	CASA-22-252063

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-12 S2	504.5	7/27/2017	WG	Oxidation-Reduction Potential	21.2	mV	CASA-17-142037
R-12 S2	504.5	7/25/2019	WG	Oxidation-Reduction Potential	141.3	mV	CASA-19-182764
R-12 S2	504.5	8/7/2020	WG	Oxidation-Reduction Potential	4.4	mV	CASA-20-199002
R-12 S2	504.5	7/23/2021	WG	Oxidation-Reduction Potential	145	mV	CASA-21-231072
R-12 S2	504.5	7/15/2022	WG	Oxidation-Reduction Potential	58.7	mV	CASA-22-252063
R-12 S2	504.5	7/27/2017	WG	pH	8.15	SU	CASA-17-142037
R-12 S2	504.5	7/25/2019	WG	pH	8.3	SU	CASA-19-182764
R-12 S2	504.5	8/7/2020	WG	pH	8.39	SU	CASA-20-199002
R-12 S2	504.5	7/23/2021	WG	pH	8.4	SU	CASA-21-231072
R-12 S2	504.5	7/15/2022	WG	pH	8.14	SU	CASA-22-252063
R-12 S2	504.5	7/27/2017	WG	Specific Conductance	179.6	µS/cm	CASA-17-142037
R-12 S2	504.5	7/25/2019	WG	Specific Conductance	181.2	µS/cm	CASA-19-182764
R-12 S2	504.5	8/7/2020	WG	Specific Conductance	182.6	µS/cm	CASA-20-199002
R-12 S2	504.5	7/23/2021	WG	Specific Conductance	182.2	µS/cm	CASA-21-231072
R-12 S2	504.5	7/15/2022	WG	Specific Conductance	181.2	µS/cm	CASA-22-252063
R-12 S2	504.5	7/27/2017	WG	Temperature	20.7	deg C	CASA-17-142037
R-12 S2	504.5	7/25/2019	WG	Temperature	20	deg C	CASA-19-182764
R-12 S2	504.5	8/7/2020	WG	Temperature	20.6	deg C	CASA-20-199002
R-12 S2	504.5	7/23/2021	WG	Temperature	20.1	deg C	CASA-21-231072
R-12 S2	504.5	7/15/2022	WG	Temperature	20.1	deg C	CASA-22-252063
R-12 S2	504.5	7/27/2017	WG	Turbidity	0.9	NTU	CASA-17-142037
R-12 S2	504.5	7/25/2019	WG	Turbidity	0.17	NTU	CASA-19-182764
R-12 S2	504.5	8/7/2020	WG	Turbidity	1.41	NTU	CASA-20-199002
R-12 S2	504.5	7/23/2021	WG	Turbidity	0.45	NTU	CASA-21-231072
R-12 S2	504.5	7/15/2022	WG	Turbidity	0.42	NTU	CASA-22-252063
R-16 S2	5393.47	7/27/2017	WG	Dissolved Oxygen	5.81	mg/L	CAMO-17-142061
R-16 S2	5393.47	7/27/2018	WG	Dissolved Oxygen	5.84	mg/L	CAMO-18-159845
R-16 S2	5393.47	7/10/2019	WG	Dissolved Oxygen	5.95	mg/L	CAMO-19-182831

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-16 S2	5393.47	8/19/2020	WG	Dissolved Oxygen	5.86	mg/L	CAMO-20-198971
R-16 S2	5393.47	7/28/2021	WG	Dissolved Oxygen	6.00	mg/L	CAMO-21-231039
R-16 S2	5393.47	7/19/2022	WG	Dissolved Oxygen	5.71	mg/L	CAMO-22-252018
R-16 S2	5393.47	7/27/2017	WG	Flow (in gpm)	5.17	gal./min	CAMO-17-142061
R-16 S2	5393.47	7/27/2018	WG	Flow (in gpm)	4.92	gal./min	CAMO-18-159845
R-16 S2	5393.47	7/27/2017	WG	Oxidation-Reduction Potential	122.7	mV	CAMO-17-142061
R-16 S2	5393.47	7/27/2018	WG	Oxidation-Reduction Potential	90.4	mV	CAMO-18-159845
R-16 S2	5393.47	7/10/2019	WG	Oxidation-Reduction Potential	99.9	mV	CAMO-19-182831
R-16 S2	5393.47	8/19/2020	WG	Oxidation-Reduction Potential	149.0	mV	CAMO-20-198971
R-16 S2	5393.47	7/28/2021	WG	Oxidation-Reduction Potential	120.40	mV	CAMO-21-231039
R-16 S2	5393.47	7/19/2022	WG	Oxidation-Reduction Potential	150.2	mV	CAMO-22-252018
R-16 S2	5393.47	7/27/2017	WG	pH	8.23	SU	CAMO-17-142061
R-16 S2	5393.47	7/27/2018	WG	pH	8.27	SU	CAMO-18-159845
R-16 S2	5393.47	7/10/2019	WG	pH	8.28	SU	CAMO-19-182831
R-16 S2	5393.47	8/19/2020	WG	pH	8.23	SU	CAMO-20-198971
R-16 S2	5393.47	7/28/2021	WG	pH	8.31	SU	CAMO-21-231039
R-16 S2	5393.47	7/19/2022	WG	pH	8.28	SU	CAMO-22-252018
R-16 S2	5393.47	7/27/2017	WG	Specific Conductance	172.5	µS/cm	CAMO-17-142061
R-16 S2	5393.47	7/27/2018	WG	Specific Conductance	173.1	µS/cm	CAMO-18-159845
R-16 S2	5393.47	7/10/2019	WG	Specific Conductance	171.4	µS/cm	CAMO-19-182831
R-16 S2	5393.47	8/19/2020	WG	Specific Conductance	171.8	µS/cm	CAMO-20-198971
R-16 S2	5393.47	7/28/2021	WG	Specific Conductance	172.20	µS/cm	CAMO-21-231039
R-16 S2	5393.47	7/19/2022	WG	Specific Conductance	172.3	µS/cm	CAMO-22-252018
R-16 S2	5393.47	7/27/2017	WG	Temperature	22.8	deg C	CAMO-17-142061
R-16 S2	5393.47	7/27/2018	WG	Temperature	22.9	deg C	CAMO-18-159845
R-16 S2	5393.47	7/10/2019	WG	Temperature	22.9	deg C	CAMO-19-182831
R-16 S2	5393.47	8/19/2020	WG	Temperature	23.0	deg C	CAMO-20-198971
R-16 S2	5393.47	7/28/2021	WG	Temperature	22.70	deg C	CAMO-21-231039

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-16 S2	5393.47	7/19/2022	WG	Temperature	23.4	deg C	CAMO-22-252018
R-16 S2	5393.47	7/27/2017	WG	Turbidity	5.2	NTU	CAMO-17-142061
R-16 S2	5393.47	7/27/2018	WG	Turbidity	0.42	NTU	CAMO-18-159845
R-16 S2	5393.47	7/10/2019	WG	Turbidity	0.20	NTU	CAMO-19-182831
R-16 S2	5393.47	8/19/2020	WG	Turbidity	0.32	NTU	CAMO-20-198971
R-16 S2	5393.47	7/28/2021	WG	Turbidity	0.40	NTU	CAMO-21-231039
R-16 S2	5393.47	7/19/2022	WG	Turbidity	0.75	NTU	CAMO-22-252018
R-16 S4[h]	1237.0	7/27/2017	WG	Dissolved Oxygen	3.56	mg/L	CAMO-17-142062
R-16 S4	1237.0	7/20/2018	WG	Dissolved Oxygen	3.57	mg/L	CAMO-18-159848
R-16 S4	1237.0	7/25/2019	WG	Dissolved Oxygen	3.69	mg/L	CAMO-19-182844
R-16 S4	1237.0	8/19/2020	WG	Dissolved Oxygen	2.46	mg/L	CAMO-20-198975
R-16 S4	1237.0	7/28/2021	WG	Dissolved Oxygen	3.7	mg/L	CAMO-21-231041
R-16 S4	1237.0	7/21/2022	WG	Dissolved Oxygen	3.67	mg/L	CAMO-22-252016
R-16 S4	1237.0	7/27/2017	WG	Flow (in gpm)	3.37	gal./min	CAMO-17-142062
R-16 S4	1237.0	7/20/2018	WG	Flow (in gpm)	3.23	gal./min	CAMO-18-159848
R-16 S4	1237.0	7/25/2019	WG	Flow (in gpm)	3.33	gal./min	CAMO-19-182844
R-16 S4	1237.0	8/19/2020	WG	Flow (in gpm)	3.33	gal./min	CAMO-20-198975
R-16 S4	1237.0	7/28/2021	WG	Flow (in gpm)	3.09	gal./min	CAMO-21-231041
R-16 S4	1237.0	7/21/2022	WG	Flow (in gpm)	3.09	gal./min	CAMO-22-252016
R-16 S4	1237.0	7/27/2017	WG	Oxidation-Reduction Potential	86.8	mV	CAMO-17-142062
R-16 S4	1237.0	7/20/2018	WG	Oxidation-Reduction Potential	150.7	mV	CAMO-18-159848
R-16 S4	1237.0	7/25/2019	WG	Oxidation-Reduction Potential	199.5	mV	CAMO-19-182844
R-16 S4	1237.0	8/19/2020	WG	Oxidation-Reduction Potential	85.00	mV	CAMO-20-198975
R-16 S4	1237.0	7/28/2021	WG	Oxidation-Reduction Potential	119	mV	CAMO-21-231041
R-16 S4	1237.0	7/21/2022	WG	Oxidation-Reduction Potential	233.3	mV	CAMO-22-252016
R-16 S4	1237.0	7/27/2017	WG	pH	8.17	SU	CAMO-17-142062
R-16 S4	1237.0	7/20/2018	WG	pH	8.15	SU	CAMO-18-159848
R-16 S4	1237.0	7/25/2019	WG	pH	8.22	SU	CAMO-19-182844

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-16 S4	1237.0	8/19/2020	WG	pH	8.23	SU	CAMO-20-198975
R-16 S4	1237.0	7/28/2021	WG	pH	8.29	SU	CAMO-21-231041
R-16 S4	1237.0	7/21/2022	WG	pH	8.07	SU	CAMO-22-252016
R-16 S4	1237.0	7/27/2017	WG	Specific Conductance	180.6	µS/cm	CAMO-17-142062
R-16 S4	1237.0	7/20/2018	WG	Specific Conductance	180	µS/cm	CAMO-18-159848
R-16 S4	1237.0	7/25/2019	WG	Specific Conductance	178.2	µS/cm	CAMO-19-182844
R-16 S4	1237.0	8/19/2020	WG	Specific Conductance	179.70	µS/cm	CAMO-20-198975
R-16 S4	1237.0	7/28/2021	WG	Specific Conductance	180.4	µS/cm	CAMO-21-231041
R-16 S4	1237.0	7/21/2022	WG	Specific Conductance	179.5	µS/cm	CAMO-22-252016
R-16 S4	1237.0	7/27/2017	WG	Temperature	23.1	deg C	CAMO-17-142062
R-16 S4	1237.0	7/20/2018	WG	Temperature	22.5	deg C	CAMO-18-159848
R-16 S4	1237.0	7/25/2019	WG	Temperature	22.9	deg C	CAMO-19-182844
R-16 S4	1237.0	8/19/2020	WG	Temperature	22.90	deg C	CAMO-20-198975
R-16 S4	1237.0	7/28/2021	WG	Temperature	24	deg C	CAMO-21-231041
R-16 S4	1237.0	7/21/2022	WG	Temperature	22.5	deg C	CAMO-22-252016
R-16 S4	1237.0	7/27/2017	WG	Turbidity	0.27	NTU	CAMO-17-142062
R-16 S4	1237.0	7/20/2018	WG	Turbidity	0.13	NTU	CAMO-18-159848
R-16 S4	1237.0	7/25/2019	WG	Turbidity	0.61	NTU	CAMO-19-182844
R-16 S4	1237.0	8/19/2020	WG	Turbidity	1.11	NTU	CAMO-20-198975
R-16 S4	1237.0	7/28/2021	WG	Turbidity	0.5	NTU	CAMO-21-231041
R-16 S4	1237.0	7/21/2022	WG	Turbidity	2.06	NTU	CAMO-22-252016
R-16r	600.0	7/20/2018	WG	Dissolved Oxygen	6.24	mg/L	CAMO-18-159853
R-16r	600.0	7/10/2019	WG	Dissolved Oxygen	6.27	mg/L	CAMO-19-182849
R-16r	600.0	8/19/2020	WG	Dissolved Oxygen	6.26	mg/L	CAMO-20-198980
R-16r	600.0	7/28/2021	WG	Dissolved Oxygen	6.28	mg/L	CAMO-21-231043
R-16r	600.0	7/22/2022	WG	Dissolved Oxygen	6.44	mg/L	CAMO-22-252026
R-16r	600.0	7/20/2018	WG	Flow (in gpm)	5.45	gal./min	CAMO-18-159853
R-16r	600.0	7/10/2019	WG	Flow (in gpm)	5.45	gal./min	CAMO-19-182849

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-16r	600.0	8/19/2020	WG	Flow (in gpm)	5.36	gal./min	CAMO-20-198980
R-16r	600.0	7/28/2021	WG	Flow (in gpm)	5.23	gal./min	CAMO-21-231043
R-16r	600.0	7/22/2022	WG	Flow (in gpm)	5.36	gal./min	CAMO-22-252026
R-16r	600.0	7/20/2018	WG	Oxidation-Reduction Potential	212.4	mV	CAMO-18-159853
R-16r	600.0	7/10/2019	WG	Oxidation-Reduction Potential	149.4	mV	CAMO-19-182849
R-16r	600.0	8/19/2020	WG	Oxidation-Reduction Potential	187.8	mV	CAMO-20-198980
R-16r	600.0	7/28/2021	WG	Oxidation-Reduction Potential	281.9	mV	CAMO-21-231043
R-16r	600.0	7/22/2022	WG	Oxidation-Reduction Potential	195.3	mV	CAMO-22-252026
R-16r	600.0	7/20/2018	WG	pH	8.22	SU	CAMO-18-159853
R-16r	600.0	7/10/2019	WG	pH	8.16	SU	CAMO-19-182849
R-16r	600.0	8/19/2020	WG	pH	8.17	SU	CAMO-20-198980
R-16r	600.0	7/28/2021	WG	pH	8.25	SU	CAMO-21-231043
R-16r	600.0	7/22/2022	WG	pH	8.24	SU	CAMO-22-252026
R-16r	600.0	7/20/2018	WG	Specific Conductance	179.6	µS/cm	CAMO-18-159853
R-16r	600.0	7/10/2019	WG	Specific Conductance	178.2	µS/cm	CAMO-19-182849
R-16r	600.0	8/19/2020	WG	Specific Conductance	177.4	µS/cm	CAMO-20-198980
R-16r	600.0	7/28/2021	WG	Specific Conductance	179.4	µS/cm	CAMO-21-231043
R-16r	600.0	7/22/2022	WG	Specific Conductance	178.3	µS/cm	CAMO-22-252026
R-16r	600.0	7/20/2018	WG	Temperature	21.1	deg C	CAMO-18-159853
R-16r	600.0	7/10/2019	WG	Temperature	21.5	deg C	CAMO-19-182849
R-16r	600.0	8/19/2020	WG	Temperature	20.7	deg C	CAMO-20-198980
R-16r	600.0	7/28/2021	WG	Temperature	20.8	deg C	CAMO-21-231043
R-16r	600.0	7/22/2022	WG	Temperature	20.7	deg C	CAMO-22-252026
R-16r	600.0	7/20/2018	WG	Turbidity	0.28	NTU	CAMO-18-159853
R-16r	600.0	7/10/2019	WG	Turbidity	0.18	NTU	CAMO-19-182849
R-16r	600.0	8/19/2020	WG	Turbidity	2.05	NTU	CAMO-20-198980
R-16r	600.0	7/28/2021	WG	Turbidity	0.48	NTU	CAMO-21-231043
R-16r	600.0	7/22/2022	WG	Turbidity	0.84	NTU	CAMO-22-252026

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-17 S1	1057.0	10/30/2020	WG	Dissolved Oxygen	6.61	mg/L	CAPA-21-209095
R-17 S1	1057.0	4/19/2021	WG	Dissolved Oxygen	6.82	mg/L	CAPA-21-221778
R-17 S1	1057.0	10/25/2021	WG	Dissolved Oxygen	6.7	mg/L	CAPA-22-235463
R-17 S1	1057.0	4/18/2022	WG	Dissolved Oxygen	6.74	mg/L	CAPA-22-248772
R-17 S1	1057.0	2/28/2023	WG	Dissolved Oxygen	6.85	mg/L	CAPA-23-267935
R-17 S1	1057.0	10/30/2020	WG	Flow (in gpm)	2	gal./min	CAPA-21-209095
R-17 S1	1057.0	4/19/2021	WG	Flow (in gpm)	2.1	gal./min	CAPA-21-221778
R-17 S1	1057.0	10/25/2021	WG	Flow (in gpm)	2.02	gal./min	CAPA-22-235463
R-17 S1	1057.0	4/18/2022	WG	Flow (in gpm)	2	gal./min	CAPA-22-248772
R-17 S1	1057.0	2/28/2023	WG	Flow (in gpm)	2.04	gal./min	CAPA-23-267935
R-17 S1	1057.0	10/30/2020	WG	Oxidation-Reduction Potential	110.5	mV	CAPA-21-209095
R-17 S1	1057.0	4/19/2021	WG	Oxidation-Reduction Potential	208.1	mV	CAPA-21-221778
R-17 S1	1057.0	10/25/2021	WG	Oxidation-Reduction Potential	259.8	mV	CAPA-22-235463
R-17 S1	1057.0	4/18/2022	WG	Oxidation-Reduction Potential	273.1	mV	CAPA-22-248772
R-17 S1	1057.0	2/28/2023	WG	Oxidation-Reduction Potential	111.3	mV	CAPA-23-267935
R-17 S1	1057.0	10/30/2020	WG	pH	7.82	SU	CAPA-21-209095
R-17 S1	1057.0	4/19/2021	WG	pH	7.84	SU	CAPA-21-221778
R-17 S1	1057.0	10/25/2021	WG	pH	7.68	SU	CAPA-22-235463
R-17 S1	1057.0	4/18/2022	WG	pH	7.68	SU	CAPA-22-248772
R-17 S1	1057.0	2/28/2023	WG	pH	7.82	SU	CAPA-23-267935
R-17 S1	1057.0	10/30/2020	WG	Specific Conductance	121	µS/cm	CAPA-21-209095
R-17 S1	1057.0	4/19/2021	WG	Specific Conductance	119.5	µS/cm	CAPA-21-221778
R-17 S1	1057.0	10/25/2021	WG	Specific Conductance	125.1	µS/cm	CAPA-22-235463
R-17 S1	1057.0	4/18/2022	WG	Specific Conductance	124.3	µS/cm	CAPA-22-248772
R-17 S1	1057.0	2/28/2023	WG	Specific Conductance	123.8	µS/cm	CAPA-23-267935
R-17 S1	1057.0	10/30/2020	WG	Temperature	20.6	deg C	CAPA-21-209095
R-17 S1	1057.0	4/19/2021	WG	Temperature	19.8	deg C	CAPA-21-221778
R-17 S1	1057.0	10/25/2021	WG	Temperature	20.5	deg C	CAPA-22-235463

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-17 S1	1057.0	4/18/2022	WG	Temperature	20.8	deg C	CAPA-22-248772
R-17 S1	1057.0	2/28/2023	WG	Temperature	19.8	deg C	CAPA-23-267935
R-17 S1	1057.0	10/30/2020	WG	Turbidity	7.59	NTU	CAPA-21-209095
R-17 S1	1057.0	4/19/2021	WG	Turbidity	0.99	NTU	CAPA-21-221778
R-17 S1	1057.0	10/25/2021	WG	Turbidity	2.7	NTU	CAPA-22-235463
R-17 S1	1057.0	4/18/2022	WG	Turbidity	1.39	NTU	CAPA-22-248772
R-17 S1	1057.0	2/28/2023	WG	Turbidity	1.01	NTU	CAPA-23-267935
R-17 S2	1124.0	10/30/2020	WG	Dissolved Oxygen	6.43	mg/L	CAPA-21-209096
R-17 S2	1124.0	4/20/2021	WG	Dissolved Oxygen	6.35	mg/L	CAPA-21-221781
R-17 S2	1124.0	10/25/2021	WG	Dissolved Oxygen	6.44	mg/L	CAPA-22-235464
R-17 S2	1124.0	4/14/2022	WG	Dissolved Oxygen	6.5	mg/L	CAPA-22-248779
R-17 S2	1124.0	2/28/2023	WG	Dissolved Oxygen	6.56	mg/L	CAPA-23-267938
R-17 S2	1124.0	10/30/2020	WG	Flow (in gpm)	2.16	gal./min	CAPA-21-209096
R-17 S2	1124.0	4/20/2021	WG	Flow (in gpm)	1.92	gal./min	CAPA-21-221781
R-17 S2	1124.0	10/25/2021	WG	Flow (in gpm)	1.99	gal./min	CAPA-22-235464
R-17 S2	1124.0	4/14/2022	WG	Flow (in gpm)	2.01	gal./min	CAPA-22-248779
R-17 S2	1124.0	2/28/2023	WG	Flow (in gpm)	1.9	gal./min	CAPA-23-267938
R-17 S2	1124.0	10/30/2020	WG	Oxidation-Reduction Potential	101	mV	CAPA-21-209096
R-17 S2	1124.0	4/20/2021	WG	Oxidation-Reduction Potential	177.9	mV	CAPA-21-221781
R-17 S2	1124.0	10/25/2021	WG	Oxidation-Reduction Potential	269.9	mV	CAPA-22-235464
R-17 S2	1124.0	4/14/2022	WG	Oxidation-Reduction Potential	182.3	mV	CAPA-22-248779
R-17 S2	1124.0	2/28/2023	WG	Oxidation-Reduction Potential	95.1	mV	CAPA-23-267938
R-17 S2	1124.0	10/30/2020	WG	pH	7.89	SU	CAPA-21-209096
R-17 S2	1124.0	4/20/2021	WG	pH	7.94	SU	CAPA-21-221781
R-17 S2	1124.0	10/25/2021	WG	pH	7.83	SU	CAPA-22-235464
R-17 S2	1124.0	4/14/2022	WG	pH	7.77	SU	CAPA-22-248779
R-17 S2	1124.0	2/28/2023	WG	pH	7.96	SU	CAPA-23-267938
R-17 S2	1124.0	10/30/2020	WG	Specific Conductance	112.4	µS/cm	CAPA-21-209096

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-17 S2	1124.0	4/20/2021	WG	Specific Conductance	111.9	µS/cm	CAPA-21-221781
R-17 S2	1124.0	10/25/2021	WG	Specific Conductance	116.2	µS/cm	CAPA-22-235464
R-17 S2	1124.0	4/14/2022	WG	Specific Conductance	115.3	µS/cm	CAPA-22-248779
R-17 S2	1124.0	2/28/2023	WG	Specific Conductance	114.3	µS/cm	CAPA-23-267938
R-17 S2	1124.0	10/30/2020	WG	Temperature	21.7	deg C	CAPA-21-209096
R-17 S2	1124.0	4/20/2021	WG	Temperature	20.1	deg C	CAPA-21-221781
R-17 S2	1124.0	10/25/2021	WG	Temperature	21.5	deg C	CAPA-22-235464
R-17 S2	1124.0	4/14/2022	WG	Temperature	20.5	deg C	CAPA-22-248779
R-17 S2	1124.0	2/28/2023	WG	Temperature	19.2	deg C	CAPA-23-267938
R-17 S2	1124.0	10/30/2020	WG	Turbidity	2.33	NTU	CAPA-21-209096
R-17 S2	1124.0	4/20/2021	WG	Turbidity	0.36	NTU	CAPA-21-221781
R-17 S2	1124.0	10/25/2021	WG	Turbidity	0.65	NTU	CAPA-22-235464
R-17 S2	1124.0	4/14/2022	WG	Turbidity	0.67	NTU	CAPA-22-248779
R-17 S2	1124.0	2/28/2023	WG	Turbidity	0.28	NTU	CAPA-23-267938
R-19 S2	893.3	4/7/2021	WG	Dissolved Oxygen	7.82	mg/L	CAPA-21-221775
R-19 S2	893.3	9/28/2021	WG	Dissolved Oxygen	7.43	mg/L	CAPA-21-234457
R-19 S2	893.3	10/27/2021	WG	Dissolved Oxygen	7.62	mg/L	CAPA-22-235462
R-19 S2	893.3	4/6/2022	WG	Dissolved Oxygen	7.56	mg/L	CAPA-22-248758
R-19 S2	893.3	2/22/2023	WG	Dissolved Oxygen	7.54	mg/L	CAPA-23-267934
R-19 S2	893.3	4/7/2021	WG	Flow (in gpm)	0.25	gal./min	CAPA-21-221775
R-19 S2	893.3	9/28/2021	WG	Flow (in gpm)	0.27	gal./min	CAPA-21-234457
R-19 S2	893.3	10/27/2021	WG	Flow (in gpm)	0.19	gal./min	CAPA-22-235462
R-19 S2	893.3	4/6/2022	WG	Flow (in gpm)	0.2	gal./min	CAPA-22-248758
R-19 S2	893.3	2/22/2023	WG	Flow (in gpm)	0.32	gal./min	CAPA-23-267934
R-19 S2	893.3	4/7/2021	WG	Oxidation-Reduction Potential	216.9	mV	CAPA-21-221775
R-19 S2	893.3	9/28/2021	WG	Oxidation-Reduction Potential	185.3	mV	CAPA-21-234457
R-19 S2	893.3	10/27/2021	WG	Oxidation-Reduction Potential	187.4	mV	CAPA-22-235462
R-19 S2	893.3	4/6/2022	WG	Oxidation-Reduction Potential	163.1	mV	CAPA-22-248758

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-19 S2	893.3	2/22/2023	WG	Oxidation-Reduction Potential	169.2	mV	CAPA-23-267934
R-19 S2	893.3	4/7/2021	WG	pH	7.21	SU	CAPA-21-221775
R-19 S2	893.3	9/28/2021	WG	pH	7.36	SU	CAPA-21-234457
R-19 S2	893.3	10/27/2021	WG	pH	7.26	SU	CAPA-22-235462
R-19 S2	893.3	4/6/2022	WG	pH	7.22	SU	CAPA-22-248758
R-19 S2	893.3	2/22/2023	WG	pH	7.24	SU	CAPA-23-267934
R-19 S2	893.3	4/7/2021	WG	Specific Conductance	142.5	µS/cm	CAPA-21-221775
R-19 S2	893.3	9/28/2021	WG	Specific Conductance	154.6	µS/cm	CAPA-21-234457
R-19 S2	893.3	10/27/2021	WG	Specific Conductance	151.2	µS/cm	CAPA-22-235462
R-19 S2	893.3	4/6/2022	WG	Specific Conductance	151.5	µS/cm	CAPA-22-248758
R-19 S2	893.3	2/22/2023	WG	Specific Conductance	154.6	µS/cm	CAPA-23-267934
R-19 S2	893.3	4/7/2021	WG	Temperature	15.1	deg C	CAPA-21-221775
R-19 S2	893.3	9/28/2021	WG	Temperature	15.2	deg C	CAPA-21-234457
R-19 S2	893.3	10/27/2021	WG	Temperature	13.7	deg C	CAPA-22-235462
R-19 S2	893.3	4/6/2022	WG	Temperature	13.4	deg C	CAPA-22-248758
R-19 S2	893.3	2/22/2023	WG	Temperature	13	deg C	CAPA-23-267934
R-19 S2	893.3	4/7/2021	WG	Turbidity	0.5	NTU	CAPA-21-221775
R-19 S2	893.3	9/28/2021	WG	Turbidity	3.66	NTU	CAPA-21-234457
R-19 S2	893.3	10/27/2021	WG	Turbidity	0.52	NTU	CAPA-22-235462
R-19 S2	893.3	4/6/2022	WG	Turbidity	0.36	NTU	CAPA-22-248758
R-19 S2	893.3	2/22/2023	WG	Turbidity	1.91	NTU	CAPA-23-267934
R-2	906.4	6/26/2019	WG	Dissolved Oxygen	4.16	mg/L	CAPU-19-181510
R-2	906.4	8/31/2020	WG	Dissolved Oxygen	3.99	mg/L	CAPU-20-206457
R-2	906.4	6/22/2021	WG	Dissolved Oxygen	3.92	mg/L	CAPU-21-229576
R-2	906.4	6/30/2022	WG	Dissolved Oxygen	4.2	mg/L	CAPU-22-253061
R-2	906.4	6/12/2023	WG	Dissolved Oxygen	3.93	mg/L	CAPU-23-287728
R-2	906.4	6/26/2019	WG	Flow (in gpm)	1.3	gal./min	CAPU-19-181510
R-2	906.4	8/31/2020	WG	Flow (in gpm)	1.06	gal./min	CAPU-20-206457

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-2	906.4	6/22/2021	WG	Flow (in gpm)	1.27	gal./min	CAPU-21-229576
R-2	906.4	6/30/2022	WG	Flow (in gpm)	1.27	gal./min	CAPU-22-253061
R-2	906.4	6/12/2023	WG	Flow (in gpm)	1.11	gal./min	CAPU-23-287728
R-2	906.4	6/26/2019	WG	Oxidation-Reduction Potential	88.3	mV	CAPU-19-181510
R-2	906.4	8/31/2020	WG	Oxidation-Reduction Potential	174.2	mV	CAPU-20-206457
R-2	906.4	6/22/2021	WG	Oxidation-Reduction Potential	161.4	mV	CAPU-21-229576
R-2	906.4	6/30/2022	WG	Oxidation-Reduction Potential	155.8	mV	CAPU-22-253061
R-2	906.4	6/12/2023	WG	Oxidation-Reduction Potential	146.8	mV	CAPU-23-287728
R-2	906.4	6/26/2019	WG	pH	6.93	SU	CAPU-19-181510
R-2	906.4	8/31/2020	WG	pH	6.76	SU	CAPU-20-206457
R-2	906.4	6/22/2021	WG	pH	6.9	SU	CAPU-21-229576
R-2	906.4	6/30/2022	WG	pH	6.7	SU	CAPU-22-253061
R-2	906.4	6/12/2023	WG	pH	6.7	SU	CAPU-23-287728
R-2	906.4	6/26/2019	WG	Specific Conductance	141	µS/cm	CAPU-19-181510
R-2	906.4	8/31/2020	WG	Specific Conductance	142.1	µS/cm	CAPU-20-206457
R-2	906.4	6/22/2021	WG	Specific Conductance	142	µS/cm	CAPU-21-229576
R-2	906.4	6/30/2022	WG	Specific Conductance	140.2	µS/cm	CAPU-22-253061
R-2	906.4	6/12/2023	WG	Specific Conductance	141	µS/cm	CAPU-23-287728
R-2	906.4	6/26/2019	WG	Temperature	24.3	deg C	CAPU-19-181510
R-2	906.4	8/31/2020	WG	Temperature	22.3	deg C	CAPU-20-206457
R-2	906.4	6/22/2021	WG	Temperature	22.4	deg C	CAPU-21-229576
R-2	906.4	6/30/2022	WG	Temperature	20.7	deg C	CAPU-22-253061
R-2	906.4	6/12/2023	WG	Temperature	20	deg C	CAPU-23-287728
R-2	906.4	6/26/2019	WG	Turbidity	1.13	NTU	CAPU-19-181510
R-2	906.4	8/31/2020	WG	Turbidity	4.54	NTU	CAPU-20-206457
R-2	906.4	6/22/2021	WG	Turbidity	2.37	NTU	CAPU-21-229576
R-2	906.4	6/30/2022	WG	Turbidity	2.27	NTU	CAPU-22-253061
R-2	906.4	6/12/2023	WG	Turbidity	1.58	NTU	CAPU-23-287728

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-24	825.0	6/14/2019	WG	Dissolved Oxygen	3.83	mg/L	CAPU-19-181512
R-24	825.0	8/27/2020	WG	Dissolved Oxygen	4.05	mg/L	CAPU-20-206462
R-24	825.0	6/11/2021	WG	Dissolved Oxygen	2.48	mg/L	CAPU-21-229580
R-24	825.0	6/17/2022	WG	Dissolved Oxygen	2.2	mg/L	CAPU-22-250844
R-24	825.0	6/8/2023	WG	Dissolved Oxygen	2.39	mg/L	CAPU-23-287733
R-24	825.0	6/14/2019	WG	Flow (in gpm)	4.48	gal./min	CAPU-19-181512
R-24	825.0	8/27/2020	WG	Flow (in gpm)	4.35	gal./min	CAPU-20-206462
R-24	825.0	6/11/2021	WG	Flow (in gpm)	4.34	gal./min	CAPU-21-229580
R-24	825.0	6/17/2022	WG	Flow (in gpm)	4.47	gal./min	CAPU-22-250844
R-24	825.0	6/8/2023	WG	Flow (in gpm)	4.26	gal./min	CAPU-23-287733
R-24	825.0	6/14/2019	WG	Oxidation-Reduction Potential	151.5	mV	CAPU-19-181512
R-24	825.0	8/27/2020	WG	Oxidation-Reduction Potential	118.9	mV	CAPU-20-206462
R-24	825.0	6/11/2021	WG	Oxidation-Reduction Potential	183.9	mV	CAPU-21-229580
R-24	825.0	6/17/2022	WG	Oxidation-Reduction Potential	388.5	mV	CAPU-22-250844
R-24	825.0	6/8/2023	WG	Oxidation-Reduction Potential	88.6	mV	CAPU-23-287733
R-24	825.0	6/14/2019	WG	pH	7.93	SU	CAPU-19-181512
R-24	825.0	8/27/2020	WG	pH	7.98	SU	CAPU-20-206462
R-24	825.0	6/11/2021	WG	pH	7.81	SU	CAPU-21-229580
R-24	825.0	6/17/2022	WG	pH	7.69	SU	CAPU-22-250844
R-24	825.0	6/8/2023	WG	pH	7.74	SU	CAPU-23-287733
R-24	825.0	6/14/2019	WG	Specific Conductance	244.4	µS/cm	CAPU-19-181512
R-24	825.0	8/27/2020	WG	Specific Conductance	233.4	µS/cm	CAPU-20-206462
R-24	825.0	6/11/2021	WG	Specific Conductance	252.4	µS/cm	CAPU-21-229580
R-24	825.0	6/17/2022	WG	Specific Conductance	260.9	µS/cm	CAPU-22-250844
R-24	825.0	6/8/2023	WG	Specific Conductance	262	µS/cm	CAPU-23-287733
R-24	825.0	6/14/2019	WG	Temperature	29.3	deg C	CAPU-19-181512
R-24	825.0	8/27/2020	WG	Temperature	29	deg C	CAPU-20-206462
R-24	825.0	6/11/2021	WG	Temperature	29.2	deg C	CAPU-21-229580

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-24	825.0	6/17/2022	WG	Temperature	29	deg C	CAPU-22-250844
R-24	825.0	6/8/2023	WG	Temperature	29.2	deg C	CAPU-23-287733
R-24	825.0	6/14/2019	WG	Turbidity	0.41	NTU	CAPU-19-181512
R-24	825.0	8/27/2020	WG	Turbidity	0.37	NTU	CAPU-20-206462
R-24	825.0	6/11/2021	WG	Turbidity	0.4	NTU	CAPU-21-229580
R-24	825.0	6/17/2022	WG	Turbidity	1.08	NTU	CAPU-22-250844
R-24	825.0	6/8/2023	WG	Turbidity	0.45	NTU	CAPU-23-287733
R-3	974.5	6/17/2019	WG	Dissolved Oxygen	4.68	mg/L	CAPU-19-181514
R-3	974.5	9/8/2020	WG	Dissolved Oxygen	4.37	mg/L	CAPU-20-206466
R-3	974.5	6/17/2021	WG	Dissolved Oxygen	4.78	mg/L	CAPU-21-229582
R-3	974.5	6/22/2022	WG	Dissolved Oxygen	4.67	mg/L	CAPU-22-250848
R-3	974.5	6/5/2023	WG	Dissolved Oxygen	5.18	mg/L	CAPU-23-287735
R-3	974.5	6/17/2019	WG	Flow (in gpm)	5.88	gal./min	CAPU-19-181514
R-3	974.5	9/8/2020	WG	Flow (in gpm)	5.88	gal./min	CAPU-20-206466
R-3	974.5	6/17/2021	WG	Flow (in gpm)	5.88	gal./min	CAPU-21-229582
R-3	974.5	6/22/2022	WG	Flow (in gpm)	6	gal./min	CAPU-22-250848
R-3	974.5	6/5/2023	WG	Flow (in gpm)	6	gal./min	CAPU-23-287735
R-3	974.5	6/17/2019	WG	Oxidation-Reduction Potential	157	mV	CAPU-19-181514
R-3	974.5	9/8/2020	WG	Oxidation-Reduction Potential	191.2	mV	CAPU-20-206466
R-3	974.5	6/17/2021	WG	Oxidation-Reduction Potential	192.6	mV	CAPU-21-229582
R-3	974.5	6/22/2022	WG	Oxidation-Reduction Potential	174.3	mV	CAPU-22-250848
R-3	974.5	6/5/2023	WG	Oxidation-Reduction Potential	130	mV	CAPU-23-287735
R-3	974.5	6/17/2019	WG	pH	8.36	SU	CAPU-19-181514
R-3	974.5	9/8/2020	WG	pH	8.3	SU	CAPU-20-206466
R-3	974.5	6/17/2021	WG	pH	8.29	SU	CAPU-21-229582
R-3	974.5	6/22/2022	WG	pH	8.32	SU	CAPU-22-250848
R-3	974.5	6/5/2023	WG	pH	8.3	SU	CAPU-23-287735
R-3	974.5	6/17/2019	WG	Specific Conductance	181.3	µS/cm	CAPU-19-181514

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-3	974.5	9/8/2020	WG	Specific Conductance	184.9	µS/cm	CAPU-20-206466
R-3	974.5	6/17/2021	WG	Specific Conductance	183.5	µS/cm	CAPU-21-229582
R-3	974.5	6/22/2022	WG	Specific Conductance	181.2	µS/cm	CAPU-22-250848
R-3	974.5	6/5/2023	WG	Specific Conductance	183.5	µS/cm	CAPU-23-287735
R-3	974.5	6/17/2019	WG	Temperature	25.2	deg C	CAPU-19-181514
R-3	974.5	9/8/2020	WG	Temperature	25	deg C	CAPU-20-206466
R-3	974.5	6/17/2021	WG	Temperature	25.7	deg C	CAPU-21-229582
R-3	974.5	6/22/2022	WG	Temperature	24.3	deg C	CAPU-22-250848
R-3	974.5	6/5/2023	WG	Temperature	24.5	deg C	CAPU-23-287735
R-3	974.5	6/17/2019	WG	Turbidity	0.19	NTU	CAPU-19-181514
R-3	974.5	9/8/2020	WG	Turbidity	0.38	NTU	CAPU-20-206466
R-3	974.5	6/17/2021	WG	Turbidity	0.57	NTU	CAPU-21-229582
R-3	974.5	6/22/2022	WG	Turbidity	0.31	NTU	CAPU-22-250848
R-3	974.5	6/5/2023	WG	Turbidity	0.02	NTU	CAPU-23-287735
R-31 S3[i]	666.3	2/19/2021	WG	Dissolved Oxygen	3.08	mg/L	CAAN-21-218084
R-31 S3	666.3	6/2/2021	WG	Dissolved Oxygen	4.42	mg/L	CAAN-21-229060
R-31 S3	666.3	9/20/2021	WG	Dissolved Oxygen	3.09	mg/L	CAAN-21-234437
R-31 S3	666.3	2/8/2022	WG	Dissolved Oxygen	3.37	mg/L	CAAN-22-239734
R-31 S3	666.3	9/9/2022	WG	Dissolved Oxygen	3.12	mg/L	CAAN-22-258648
R-31 S3	666.3	2/13/2023	WG	Dissolved Oxygen	3.01	mg/L	CAAN-23-267944
R-31 S3	666.3	2/19/2021	WG	Flow (in gpm)	5.08	gal./min	CAAN-21-218084
R-31 S3	666.3	6/2/2021	WG	Flow (in gpm)	5	gal./min	CAAN-21-229060
R-31 S3	666.3	9/20/2021	WG	Flow (in gpm)	5	gal./min	CAAN-21-234437
R-31 S3	666.3	2/8/2022	WG	Flow (in gpm)	5	gal./min	CAAN-22-239734
R-31 S3	666.3	9/9/2022	WG	Flow (in gpm)	5.26	gal./min	CAAN-22-258648
R-31 S3	666.3	2/13/2023	WG	Flow (in gpm)	4.84	gal./min	CAAN-23-267944
R-31 S3	666.3	2/19/2021	WG	Oxidation-Reduction Potential	-71.5	mV	CAAN-21-218084
R-31 S3	666.3	6/2/2021	WG	Oxidation-Reduction Potential	-40.3	mV	CAAN-21-229060

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-31 S3	666.3	9/20/2021	WG	Oxidation-Reduction Potential	-102.3	mV	CAAN-21-234437
R-31 S3	666.3	2/8/2022	WG	Oxidation-Reduction Potential	-104.5	mV	CAAN-22-239734
R-31 S3	666.3	9/9/2022	WG	Oxidation-Reduction Potential	-99.9	mV	CAAN-22-258648
R-31 S3	666.3	2/13/2023	WG	Oxidation-Reduction Potential	-97.7	mV	CAAN-23-267944
R-31 S3	666.3	2/19/2021	WG	pH	7.55	SU	CAAN-21-218084
R-31 S3	666.3	6/2/2021	WG	pH	7.64	SU	CAAN-21-229060
R-31 S3	666.3	9/20/2021	WG	pH	7.35	SU	CAAN-21-234437
R-31 S3	666.3	2/8/2022	WG	pH	7.25	SU	CAAN-22-239734
R-31 S3	666.3	9/9/2022	WG	pH	7.23	SU	CAAN-22-258648
R-31 S3	666.3	2/13/2023	WG	pH	7.28	SU	CAAN-23-267944
R-31 S3	666.3	2/19/2021	WG	Specific Conductance	122.3	µS/cm	CAAN-21-218084
R-31 S3	666.3	6/2/2021	WG	Specific Conductance	123.2	µS/cm	CAAN-21-229060
R-31 S3	666.3	9/20/2021	WG	Specific Conductance	122.7	µS/cm	CAAN-21-234437
R-31 S3	666.3	2/8/2022	WG	Specific Conductance	121.2	µS/cm	CAAN-22-239734
R-31 S3	666.3	9/9/2022	WG	Specific Conductance	121.2	µS/cm	CAAN-22-258648
R-31 S3	666.3	2/13/2023	WG	Specific Conductance	118.1	µS/cm	CAAN-23-267944
R-31 S3	666.3	2/19/2021	WG	Temperature	20.4	deg C	CAAN-21-218084
R-31 S3	666.3	6/2/2021	WG	Temperature	21.2	deg C	CAAN-21-229060
R-31 S3	666.3	9/20/2021	WG	Temperature	21.1	deg C	CAAN-21-234437
R-31 S3	666.3	2/8/2022	WG	Temperature	20	deg C	CAAN-22-239734
R-31 S3	666.3	9/9/2022	WG	Temperature	20.9	deg C	CAAN-22-258648
R-31 S3	666.3	2/13/2023	WG	Temperature	20.5	deg C	CAAN-23-267944
R-31 S3	666.3	2/19/2021	WG	Turbidity	1.95	NTU	CAAN-21-218084
R-31 S3	666.3	6/2/2021	WG	Turbidity	0.33	NTU	CAAN-21-229060
R-31 S3	666.3	9/20/2021	WG	Turbidity	1.41	NTU	CAAN-21-234437
R-31 S3	666.3	2/8/2022	WG	Turbidity	6.99	NTU	CAAN-22-239734
R-31 S3	666.3	9/9/2022	WG	Turbidity	4.35	NTU	CAAN-22-258648
R-31 S3	666.3	2/13/2023	WG	Turbidity	0.98	NTU	CAAN-23-267944

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-31 S4	826.6	2/19/2021	WG	Dissolved Oxygen	5.59	mg/L	CAAN-21-218089
R-31 S4	826.6	6/4/2021	WG	Dissolved Oxygen	5.6	mg/L	CAAN-21-229063
R-31 S4	826.6	9/20/2021	WG	Dissolved Oxygen	5.6	mg/L	CAAN-21-234441
R-31 S4	826.6	2/9/2022	WG	Dissolved Oxygen	5.76	mg/L	CAAN-22-239772
R-31 S4	826.6	9/9/2022	WG	Dissolved Oxygen	5.78	mg/L	CAAN-22-258650
R-31 S4	826.6	3/1/2023	WG	Dissolved Oxygen	5.8	mg/L	CAAN-23-271885
R-31 S4	826.6	2/19/2021	WG	Flow (in gpm)	5.26	gal./min	CAAN-21-218089
R-31 S4	826.6	6/4/2021	WG	Flow (in gpm)	5.08	gal./min	CAAN-21-229063
R-31 S4	826.6	9/20/2021	WG	Flow (in gpm)	5.08	gal./min	CAAN-21-234441
R-31 S4	826.6	2/9/2022	WG	Flow (in gpm)	5	gal./min	CAAN-22-239772
R-31 S4	826.6	9/9/2022	WG	Flow (in gpm)	5.35	gal./min	CAAN-22-258650
R-31 S4	826.6	3/1/2023	WG	Flow (in gpm)	4.84	gal./min	CAAN-23-271885
R-31 S4	826.6	2/19/2021	WG	Oxidation-Reduction Potential	201.7	mV	CAAN-21-218089
R-31 S4	826.6	6/4/2021	WG	Oxidation-Reduction Potential	159.1	mV	CAAN-21-229063
R-31 S4	826.6	9/20/2021	WG	Oxidation-Reduction Potential	159.7	mV	CAAN-21-234441
R-31 S4	826.6	2/9/2022	WG	Oxidation-Reduction Potential	99.5	mV	CAAN-22-239772
R-31 S4	826.6	9/9/2022	WG	Oxidation-Reduction Potential	124.1	mV	CAAN-22-258650
R-31 S4	826.6	3/1/2023	WG	Oxidation-Reduction Potential	169.9	mV	CAAN-23-271885
R-31 S4	826.6	2/19/2021	WG	pH	8.14	SU	CAAN-21-218089
R-31 S4	826.6	6/4/2021	WG	pH	8.01	SU	CAAN-21-229063
R-31 S4	826.6	9/20/2021	WG	pH	7.99	SU	CAAN-21-234441
R-31 S4	826.6	2/9/2022	WG	pH	7.88	SU	CAAN-22-239772
R-31 S4	826.6	9/9/2022	WG	pH	7.98	SU	CAAN-22-258650
R-31 S4	826.6	3/1/2023	WG	pH	7.97	SU	CAAN-23-271885
R-31 S4	826.6	2/19/2021	WG	Specific Conductance	117.3	µS/cm	CAAN-21-218089
R-31 S4	826.6	6/4/2021	WG	Specific Conductance	117.8	µS/cm	CAAN-21-229063
R-31 S4	826.6	9/20/2021	WG	Specific Conductance	117.3	µS/cm	CAAN-21-234441
R-31 S4	826.6	2/9/2022	WG	Specific Conductance	116.7	µS/cm	CAAN-22-239772

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-31 S4	826.6	9/9/2022	WG	Specific Conductance	117.6	µS/cm	CAAN-22-258650
R-31 S4	826.6	3/1/2023	WG	Specific Conductance	116.9	µS/cm	CAAN-23-271885
R-31 S4	826.6	2/19/2021	WG	Temperature	21.6	deg C	CAAN-21-218089
R-31 S4	826.6	6/4/2021	WG	Temperature	22.1	deg C	CAAN-21-229063
R-31 S4	826.6	9/20/2021	WG	Temperature	22.2	deg C	CAAN-21-234441
R-31 S4	826.6	2/9/2022	WG	Temperature	21	deg C	CAAN-22-239772
R-31 S4	826.6	9/9/2022	WG	Temperature	22.6	deg C	CAAN-22-258650
R-31 S4	826.6	3/1/2023	WG	Temperature	20.6	deg C	CAAN-23-271885
R-31 S4	826.6	2/19/2021	WG	Turbidity	26.3	NTU	CAAN-21-218089
R-31 S4	826.6	6/4/2021	WG	Turbidity	15.7	NTU	CAAN-21-229063
R-31 S4	826.6	9/20/2021	WG	Turbidity	15.5	NTU	CAAN-21-234441
R-31 S4	826.6	2/9/2022	WG	Turbidity	10.14	NTU	CAAN-22-239772
R-31 S4	826.6	9/9/2022	WG	Turbidity	10.8	NTU	CAAN-22-258650
R-31 S4	826.6	3/1/2023	WG	Turbidity	16.1	NTU	CAAN-23-271885
R-34	883.7	11/15/2018	WG	Dissolved Oxygen	5.51	mg/L	CAMO-19-164046
R-34	883.7	11/13/2019	WG	Dissolved Oxygen	5.96	mg/L	CAMO-20-189291
R-34	883.7	11/12/2020	WG	Dissolved Oxygen	6.45	mg/L	CAMO-21-210601
R-34	883.7	11/5/2021	WG	Dissolved Oxygen	5.89	mg/L	CAMO-22-236478
R-34	883.7	11/4/2022	WG	Dissolved Oxygen	6.16	mg/L	CAMO-23-261124
R-34	883.7	11/15/2018	WG	Flow (in gpm)	2.83	gal./min	CAMO-19-164046
R-34	883.7	11/13/2019	WG	Flow (in gpm)	2.78	gal./min	CAMO-20-189291
R-34	883.7	11/12/2020	WG	Flow (in gpm)	2.78	gal./min	CAMO-21-210601
R-34	883.7	11/5/2021	WG	Flow (in gpm)	2.8	gal./min	CAMO-22-236478
R-34	883.7	11/4/2022	WG	Flow (in gpm)	2.88	gal./min	CAMO-23-261124
R-34	883.7	11/15/2018	WG	Oxidation-Reduction Potential	275.4	mV	CAMO-19-164046
R-34	883.7	11/13/2019	WG	Oxidation-Reduction Potential	195	mV	CAMO-20-189291
R-34	883.7	11/12/2020	WG	Oxidation-Reduction Potential	173	mV	CAMO-21-210601
R-34	883.7	11/5/2021	WG	Oxidation-Reduction Potential	262.9	mV	CAMO-22-236478

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-34	883.7	11/4/2022	WG	Oxidation-Reduction Potential	83.9	mV	CAMO-23-261124
R-34	883.7	11/15/2018	WG	pH	8.33	SU	CAMO-19-164046
R-34	883.7	11/13/2019	WG	pH	8.25	SU	CAMO-20-189291
R-34	883.7	11/12/2020	WG	pH	8.09	SU	CAMO-21-210601
R-34	883.7	11/5/2021	WG	pH	8.22	SU	CAMO-22-236478
R-34	883.7	11/4/2022	WG	pH	8.27	SU	CAMO-23-261124
R-34	883.7	11/15/2018	WG	Specific Conductance	155.2	µS/cm	CAMO-19-164046
R-34	883.7	11/13/2019	WG	Specific Conductance	151.8	µS/cm	CAMO-20-189291
R-34	883.7	11/12/2020	WG	Specific Conductance	153.9	µS/cm	CAMO-21-210601
R-34	883.7	11/5/2021	WG	Specific Conductance	154.9	µS/cm	CAMO-22-236478
R-34	883.7	11/4/2022	WG	Specific Conductance	157.1	µS/cm	CAMO-23-261124
R-34	883.7	11/15/2018	WG	Temperature	21.6	deg C	CAMO-19-164046
R-34	883.7	11/13/2019	WG	Temperature	21.3	deg C	CAMO-20-189291
R-34	883.7	11/12/2020	WG	Temperature	21.2	deg C	CAMO-21-210601
R-34	883.7	11/5/2021	WG	Temperature	21.5	deg C	CAMO-22-236478
R-34	883.7	11/4/2022	WG	Temperature	21.4	deg C	CAMO-23-261124
R-34	883.7	11/15/2018	WG	Turbidity	1.85	NTU	CAMO-19-164046
R-34	883.7	11/13/2019	WG	Turbidity	1.2	NTU	CAMO-20-189291
R-34	883.7	11/12/2020	WG	Turbidity	1.6	NTU	CAMO-21-210601
R-34	883.7	11/5/2021	WG	Turbidity	0.43	NTU	CAMO-22-236478
R-34	883.7	11/4/2022	WG	Turbidity	3.33	NTU	CAMO-23-261124
R-3i	215.2	6/24/2019	WG	Dissolved Oxygen	7.09	mg/L	CAPU-19-181506
R-3i	215.2	9/8/2020	WG	Dissolved Oxygen	7.09	mg/L	CAPU-20-206451
R-3i	215.2	6/21/2021	WG	Dissolved Oxygen	7.3	mg/L	CAPU-21-229571
R-3i	215.2	6/27/2022	WG	Dissolved Oxygen	7.11	mg/L	CAPU-22-250832
R-3i	215.2	6/12/2023	WG	Dissolved Oxygen	7.57	mg/L	CAPU-23-287723
R-3i	215.2	6/24/2019	WG	Flow (in gpm)	0.88	gal./min	CAPU-19-181506
R-3i	215.2	9/8/2020	WG	Flow (in gpm)	0.56	gal./min	CAPU-20-206451

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-3i	215.2	6/21/2021	WG	Flow (in gpm)	0.75	gal./min	CAPU-21-229571
R-3i	215.2	6/27/2022	WG	Flow (in gpm)	0.92	gal./min	CAPU-22-250832
R-3i	215.2	6/12/2023	WG	Flow (in gpm)	0.66	gal./min	CAPU-23-287723
R-3i	215.2	6/24/2019	WG	Oxidation-Reduction Potential	203.5	mV	CAPU-19-181506
R-3i	215.2	9/8/2020	WG	Oxidation-Reduction Potential	190.8	mV	CAPU-20-206451
R-3i	215.2	6/21/2021	WG	Oxidation-Reduction Potential	161.9	mV	CAPU-21-229571
R-3i	215.2	6/27/2022	WG	Oxidation-Reduction Potential	212.3	mV	CAPU-22-250832
R-3i	215.2	6/12/2023	WG	Oxidation-Reduction Potential	178.8	mV	CAPU-23-287723
R-3i	215.2	6/24/2019	WG	pH	7.32	SU	CAPU-19-181506
R-3i	215.2	9/8/2020	WG	pH	7.47	SU	CAPU-20-206451
R-3i	215.2	6/21/2021	WG	pH	7.51	SU	CAPU-21-229571
R-3i	215.2	6/27/2022	WG	pH	7.33	SU	CAPU-22-250832
R-3i	215.2	6/12/2023	WG	pH	7.34	SU	CAPU-23-287723
R-3i	215.2	6/24/2019	WG	Specific Conductance	536	µS/cm	CAPU-19-181506
R-3i	215.2	9/8/2020	WG	Specific Conductance	531	µS/cm	CAPU-20-206451
R-3i	215.2	6/21/2021	WG	Specific Conductance	534	µS/cm	CAPU-21-229571
R-3i	215.2	6/27/2022	WG	Specific Conductance	533	µS/cm	CAPU-22-250832
R-3i	215.2	6/12/2023	WG	Specific Conductance	521	µS/cm	CAPU-23-287723
R-3i	215.2	6/24/2019	WG	Temperature	13.8	deg C	CAPU-19-181506
R-3i	215.2	9/8/2020	WG	Temperature	14.2	deg C	CAPU-20-206451
R-3i	215.2	6/21/2021	WG	Temperature	14.3	deg C	CAPU-21-229571
R-3i	215.2	6/27/2022	WG	Temperature	13.4	deg C	CAPU-22-250832
R-3i	215.2	6/12/2023	WG	Temperature	13.5	deg C	CAPU-23-287723
R-3i	215.2	6/24/2019	WG	Turbidity	0.85	NTU	CAPU-19-181506
R-3i	215.2	9/8/2020	WG	Turbidity	0.44	NTU	CAPU-20-206451
R-3i	215.2	6/21/2021	WG	Turbidity	0.72	NTU	CAPU-21-229571
R-3i	215.2	6/27/2022	WG	Turbidity	0.99	NTU	CAPU-22-250832
R-3i	215.2	6/12/2023	WG	Turbidity	2.35	NTU	CAPU-23-287723

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-4	792.9	6/13/2019	WG	Dissolved Oxygen	5.6	mg/L	CAPU-19-181517
R-4	792.9	9/4/2020	WG	Dissolved Oxygen	6.67	mg/L	CAPU-20-206469
R-4	792.9	6/9/2021	WG	Dissolved Oxygen	3.17	mg/L	CAPU-21-229586
R-4	792.9	6/28/2022	WG	Dissolved Oxygen	4.79	mg/L	CAPU-22-250852
R-4	792.9	6/12/2023	WG	Dissolved Oxygen	3.23	mg/L	CAPU-23-287737
R-4	792.9	6/13/2019	WG	Flow (in gpm)	5.26	gal./min	CAPU-19-181517
R-4	792.9	9/4/2020	WG	Flow (in gpm)	5.26	gal./min	CAPU-20-206469
R-4	792.9	6/9/2021	WG	Flow (in gpm)	5.26	gal./min	CAPU-21-229586
R-4	792.9	6/28/2022	WG	Flow (in gpm)	5.26	gal./min	CAPU-22-250852
R-4	792.9	6/12/2023	WG	Flow (in gpm)	5.25	gal./min	CAPU-23-287737
R-4	792.9	6/13/2019	WG	Oxidation-Reduction Potential	78.6	mV	CAPU-19-181517
R-4	792.9	9/4/2020	WG	Oxidation-Reduction Potential	149.5	mV	CAPU-20-206469
R-4	792.9	6/9/2021	WG	Oxidation-Reduction Potential	160.2	mV	CAPU-21-229586
R-4	792.9	6/28/2022	WG	Oxidation-Reduction Potential	129.2	mV	CAPU-22-250852
R-4	792.9	6/12/2023	WG	Oxidation-Reduction Potential	110.9	mV	CAPU-23-287737
R-4	792.9	6/13/2019	WG	pH	8.19	SU	CAPU-19-181517
R-4	792.9	9/4/2020	WG	pH	7.94	SU	CAPU-20-206469
R-4	792.9	6/9/2021	WG	pH	8.17	SU	CAPU-21-229586
R-4	792.9	6/28/2022	WG	pH	8.26	SU	CAPU-22-250852
R-4	792.9	6/12/2023	WG	pH	8.17	SU	CAPU-23-287737
R-4	792.9	6/13/2019	WG	Specific Conductance	189.8	µS/cm	CAPU-19-181517
R-4	792.9	9/4/2020	WG	Specific Conductance	192.2	µS/cm	CAPU-20-206469
R-4	792.9	6/9/2021	WG	Specific Conductance	199.2	µS/cm	CAPU-21-229586
R-4	792.9	6/28/2022	WG	Specific Conductance	194.1	µS/cm	CAPU-22-250852
R-4	792.9	6/12/2023	WG	Specific Conductance	194.1	µS/cm	CAPU-23-287737
R-4	792.9	6/13/2019	WG	Temperature	25.3	deg C	CAPU-19-181517
R-4	792.9	9/4/2020	WG	Temperature	25.4	deg C	CAPU-20-206469
R-4	792.9	6/9/2021	WG	Temperature	25.4	deg C	CAPU-21-229586

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-4	792.9	6/28/2022	WG	Temperature	25.6	deg C	CAPU-22-250852
R-4	792.9	6/12/2023	WG	Temperature	25.2	deg C	CAPU-23-287737
R-4	792.9	6/13/2019	WG	Turbidity	0.37	NTU	CAPU-19-181517
R-4	792.9	9/4/2020	WG	Turbidity	3.54	NTU	CAPU-20-206469
R-4	792.9	6/9/2021	WG	Turbidity	0.51	NTU	CAPU-21-229586
R-4	792.9	6/28/2022	WG	Turbidity	0.32	NTU	CAPU-22-250852
R-4	792.9	6/12/2023	WG	Turbidity	0.2	NTU	CAPU-23-287737
Sacred Spring	—	10/11/2018	WG	Dissolved Oxygen	4.62	mg/L	CAWR-19-162032
Sacred Spring	—	10/7/2019	WG	Dissolved Oxygen	5.30	mg/L	CAWR-20-186491
Sacred Spring	—	10/1/2020	WG	Dissolved Oxygen	6.67	mg/L	CAWR-21-208743
Sacred Spring	—	10/12/2021	WG	Dissolved Oxygen	3.62	mg/L	CAWR-22-234632
Sacred Spring	—	10/11/2022	WG	Dissolved Oxygen	1.33	mg/L	CAWR-23-259041
Sacred Spring	—	10/11/2018	WG	Flow (in gpm)	0.11	gal./min	CAWR-19-162032
Sacred Spring	—	10/11/2018	WG	pH	7.49	SU	CAWR-19-162032
Sacred Spring	—	10/7/2019	WG	pH	7.18	SU	CAWR-20-186491
Sacred Spring	—	10/1/2020	WG	pH	7.05	SU	CAWR-21-208743
Sacred Spring	—	10/12/2021	WG	pH	7.23	SU	CAWR-22-234632
Sacred Spring	—	10/11/2022	WG	pH	6.87	SU	CAWR-23-259041
Sacred Spring	—	10/11/2018	WG	Specific Conductance	431.20	µS/cm	CAWR-19-162032
Sacred Spring	—	10/7/2019	WG	Specific Conductance	340.70	µS/cm	CAWR-20-186491
Sacred Spring	—	10/1/2020	WG	Specific Conductance	288.50	µS/cm	CAWR-21-208743
Sacred Spring	—	10/12/2021	WG	Specific Conductance	323.30	µS/cm	CAWR-22-234632
Sacred Spring	—	10/11/2022	WG	Specific Conductance	297.60	µS/cm	CAWR-23-259041
Sacred Spring	—	10/11/2018	WG	Temperature	14.40	deg C	CAWR-19-162032
Sacred Spring	—	10/7/2019	WG	Temperature	15.70	deg C	CAWR-20-186491
Sacred Spring	—	10/1/2020	WG	Temperature	14.70	deg C	CAWR-21-208743
Sacred Spring	—	10/12/2021	WG	Temperature	14.00	deg C	CAWR-22-234632
Sacred Spring	—	10/11/2022	WG	Temperature	14.50	deg C	CAWR-23-259041

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Sacred Spring	—	10/11/2018	WG	Turbidity	1.90	NTU	CAWR-19-162032
Sacred Spring	—	10/7/2019	WG	Turbidity	0.61	NTU	CAWR-20-186491
Sacred Spring	—	10/1/2020	WG	Turbidity	2.00	NTU	CAWR-21-208743
Sacred Spring	—	10/12/2021	WG	Turbidity	3.33	NTU	CAWR-22-234632
Sacred Spring	—	10/11/2022	WG	Turbidity	0.24	NTU	CAWR-23-259041
Spring 1	—	10/2/2018	WG	Dissolved Oxygen	6.55	mg/L	CAWR-19-162043
Spring 1	—	10/8/2019	WG	Dissolved Oxygen	6.45	mg/L	CAWR-20-186513
Spring 1	—	10/6/2020	WG	Dissolved Oxygen	6.98	mg/L	CAWR-21-208748
Spring 1	—	10/7/2021	WG	Dissolved Oxygen	6.06	mg/L	CAWR-22-234635
Spring 1	—	10/6/2022	WG	Dissolved Oxygen	6.63	mg/L	CAWR-23-259048
Spring 1	—	10/2/2018	WG	Flow (in gpm)	0.3	gal./min	CAWR-20-186513
Spring 1	—	10/8/2019	WG	Flow (in gpm)	10.9	gal./min	CAWR-20-186513
Spring 1	—	10/6/2020	WG	Flow (in gpm)	0.735	gal./min	CAWR-21-208748
Spring 1	—	10/7/2021	WG	Flow (in gpm)	0.73	gal./min	CAWR-22-234635
Spring 1	—	10/6/2022	WG	Flow (in gpm)	0.66	gal./min	CAWR-23-259048
Spring 1	—	10/2/2018	WG	pH	7.83	SU	CAWR-19-162043
Spring 1	—	10/8/2019	WG	pH	8.1	SU	CAWR-20-186513
Spring 1	—	10/6/2020	WG	pH	7.94	SU	CAWR-21-208748
Spring 1	—	10/7/2021	WG	pH	7.78	SU	CAWR-22-234635
Spring 1	—	10/6/2022	WG	pH	7.64	SU	CAWR-23-259048
Spring 1	—	10/2/2018	WG	Specific Conductance	217	µS/cm	CAWR-19-162043
Spring 1	—	10/8/2019	WG	Specific Conductance	212.7	µS/cm	CAWR-20-186513
Spring 1	—	10/6/2020	WG	Specific Conductance	212.5	µS/cm	CAWR-21-208748
Spring 1	—	10/7/2021	WG	Specific Conductance	214.2	µS/cm	CAWR-22-234635
Spring 1	—	10/6/2022	WG	Specific Conductance	213.7	µS/cm	CAWR-23-259048
Spring 1	—	10/2/2018	WG	Temperature	20.4	deg C	CAWR-19-162043
Spring 1	—	10/8/2019	WG	Temperature	18.5	deg C	CAWR-20-186513
Spring 1	—	10/6/2020	WG	Temperature	18	deg C	CAWR-21-208748

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Spring 1	—	10/7/2021	WG	Temperature	18.3	deg C	CAWR-22-234635
Spring 1	—	10/6/2022	WG	Temperature	18.1	deg C	CAWR-23-259048
Spring 1	—	10/2/2018	WG	Turbidity	7.6	NTU	CAWR-19-162043
Spring 1	—	10/8/2019	WG	Turbidity	1.27	NTU	CAWR-20-186513
Spring 1	—	10/6/2020	WG	Turbidity	6.8	NTU	CAWR-21-208748
Spring 1	—	10/7/2021	WG	Turbidity	16.04	NTU	CAWR-22-234635
Spring 1	—	10/6/2022	WG	Turbidity	21.26	NTU	CAWR-23-259048
Spring 2	—	10/29/2014	WG	Dissolved Oxygen	8.35	mg/L	CAWR-14-89231
Spring 2	—	10/9/2015	WG	Dissolved Oxygen	6.46	mg/L	CAWR-16-104425
Spring 2	—	10/11/2016	WG	Dissolved Oxygen	5.92	mg/L	CAWR-16-126325
Spring 2	—	10/10/2017	WG	Dissolved Oxygen	6.17	mg/L	CAWR-18-147758
Spring 2	—	4/20/2022	WG	Dissolved Oxygen	7.88	mg/L	CAWR-22-248719
Spring 2	—	4/18/2023	WG	Dissolved Oxygen	8.26	mg/L	CAWR-23-280131
Spring 2	—	10/29/2014	WG	Flow (in gpm)	0.400	gal./min	CAWR-14-89231
Spring 2	—	10/9/2015	WG	Flow (in gpm)	0.170	gal./min	CAWR-16-104425
Spring 2	—	10/11/2016	WG	Flow (in gpm)	0.250	gal./min	CAWR-16-126325
Spring 2	—	10/10/2017	WG	Flow (in gpm)	0.070	gal./min	CAWR-18-147758
Spring 2	—	04/20/2022	WG	Flow (in gpm)	0.24	gal./min	CAWR-22-248719
Spring 2	—	04/18/2023	WG	Flow (in gpm)	0.475	gal./min	CAWR-23-280131
Spring 2	—	10/29/2014	WG	pH	7.53	SU	CAWR-14-89231
Spring 2	—	10/9/2015	WG	pH	7.67	SU	CAWR-16-104425
Spring 2	—	10/11/2016	WG	pH	7.74	SU	CAWR-16-126325
Spring 2	—	10/10/2017	WG	pH	9.7	SU	CAWR-18-147758
Spring 2	—	4/20/2022	WG	pH	7.95	SU	CAWR-22-248719
Spring 2	—	4/18/2023	WG	pH	8.1	SU	CAWR-23-280131
Spring 2	—	10/29/2014	WG	Specific Conductance	238	µS/cm	CAWR-14-89231
Spring 2	—	10/9/2015	WG	Specific Conductance	233	µS/cm	CAWR-16-104425
Spring 2	—	10/11/2016	WG	Specific Conductance	106.2	µS/cm	CAWR-16-126325

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Spring 2	—	10/10/2017	WG	Specific Conductance	230	µS/cm	CAWR-18-147758
Spring 2	—	4/20/2022	WG	Specific Conductance	270.4	µS/cm	CAWR-22-248719
Spring 2	—	4/18/2023	WG	Specific Conductance	280.8	µS/cm	CAWR-23-280131
Spring 2	—	10/29/2014	WG	Temperature	12.65	deg C	CAWR-14-89231
Spring 2	—	10/9/2015	WG	Temperature	16.46	deg C	CAWR-16-104425
Spring 2	—	10/11/2016	WG	Temperature	17.6	deg C	CAWR-16-126325
Spring 2	—	10/10/2017	WG	Temperature	15.3	deg C	CAWR-18-147758
Spring 2	—	4/20/2022	WG	Temperature	16.1	deg C	CAWR-22-248719
Spring 2	—	4/18/2023	WG	Temperature	15.8	deg C	CAWR-23-280131
Spring 2	—	10/29/2014	WG	Turbidity	27.7	NTU	CAWR-14-89231
Spring 2	—	10/9/2015	WG	Turbidity	5.4	NTU	CAWR-16-104425
Spring 2	—	10/11/2016	WG	Turbidity	85.3	NTU	CAWR-16-126325
Spring 2	—	10/10/2017	WG	Turbidity	9.7	NTU	CAWR-18-147758
Spring 2	—	4/20/2022	WG	Turbidity	4.3	NTU	CAWR-22-248719
Spring 2	—	4/18/2023	WG	Turbidity	4.82	NTU	CAWR-23-280131
Spring 3	—	10/2/2018	WG	Dissolved Oxygen	6.73	mg/L	CAWR-19-162049
Spring 3	—	10/1/2019	WG	Dissolved Oxygen	6.46	mg/L	CAWR-20-186535
Spring 3	—	10/2/2020	WG	Dissolved Oxygen	6.70	mg/L	CAWR-21-208753
Spring 3	—	10/4/2021	WG	Dissolved Oxygen	6.25	mg/L	CAWR-22-234637
Spring 3	—	10/3/2022	WG	Dissolved Oxygen	not collected	mg/L	CAWR-23-259063
Spring 3	—	10/2/2018	WG	Flow (in gpm)	8.98	gal./min	CAWR-19-162049
Spring 3	—	10/1/2019	WG	Flow (in gpm)	not collected	gal./min	CAWR-20-186535
Spring 3	—	10/2/2020	WG	Flow (in gpm)	12.04	gal./min	CAWR-21-208753
Spring 3	—	10/4/2021	WG	Flow (in gpm)	17.95	gal./min	CAWR-22-234637
Spring 3	—	10/3/2022	WG	Flow (in gpm)	4.82	gal./min	CAWR-23-259063
Spring 3	—	10/2/2018	WG	pH	7.93	SU	CAWR-19-162049
Spring 3	—	10/1/2019	WG	pH	7.83	SU	CAWR-20-186535
Spring 3	—	10/2/2020	WG	pH	7.34	SU	CAWR-21-208753

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Spring 3	—	10/4/2021	WG	pH	7.62	SU	CAWR-22-234637
Spring 3	—	10/3/2022	WG	pH	7.55	SU	CAWR-23-259063
Spring 3	—	10/2/2018	WG	Specific Conductance	211.4	µS/cm	CAWR-19-162049
Spring 3	—	10/1/2019	WG	Specific Conductance	208.5	µS/cm	CAWR-20-186535
Spring 3	—	10/2/2020	WG	Specific Conductance	210.7	µS/cm	CAWR-21-208753
Spring 3	—	10/4/2021	WG	Specific Conductance	211.5	µS/cm	CAWR-22-234637
Spring 3	—	10/3/2022	WG	Specific Conductance	204.6	µS/cm	CAWR-23-259063
Spring 3	—	10/2/2018	WG	Temperature	21.5	deg C	CAWR-19-162049
Spring 3	—	10/1/2019	WG	Temperature	21	deg C	CAWR-20-186535
Spring 3	—	10/2/2020	WG	Temperature	19.7	deg C	CAWR-21-208753
Spring 3	—	10/4/2021	WG	Temperature	20.9	deg C	CAWR-22-234637
Spring 3	—	10/3/2022	WG	Temperature	20.5	deg C	CAWR-23-259063
Spring 3	—	10/2/2018	WG	Turbidity	0.6	NTU	CAWR-19-162049
Spring 3	—	10/1/2019	WG	Turbidity	1.31	NTU	CAWR-20-186535
Spring 3	—	10/2/2020	WG	Turbidity	2.2	NTU	CAWR-21-208752
Spring 3	—	10/4/2021	WG	Turbidity	0.7	NTU	CAWR-22-234637
Spring 3	—	10/3/2022	WG	Turbidity	0.68	NTU	CAWR-23-259063
Spring 3A	—	10/10/2017	WG	Dissolved Oxygen	6.33	mg/L	CAWR-18-147409
Spring 3A	—	10/2/2018	WG	Dissolved Oxygen	6.45	mg/L	CAWR-19-162061
Spring 3A	—	10/1/2019	WG	Dissolved Oxygen	6.39	mg/L	CAWR-20-188069
Spring 3A	—	10/4/2021	WG	Dissolved Oxygen	6.33	mg/L	CAWR-22-234639
Spring 3A	—	10/3/2022	WG	Dissolved Oxygen	6.5	mg/L	CAWR-23-259068
Spring 3A	—	10/10/2017	WG	Flow (in gpm)	40.39	gal./min	CAWR-18-147409
Spring 3A	—	10/2/2018	WG	Flow (in gpm)	46.68	gal./min	CAWR-19-162061
Spring 3A	—	10/1/2019	WG	Flow (in gpm)	40.39	gal./min	CAWR-20-188069
Spring 3A	—	10/4/2021	WG	Flow (in gpm)	46.68	gal./min	CAWR-22-234639
Spring 3A	—	10/3/2022	WG	Flow (in gpm)	14.55	gal./min	CAWR-23-259068
Spring 3A	—	10/10/2017	WG	pH	7.62	SU	CAWR-18-147409

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Spring 3A	—	10/2/2018	WG	pH	8.02	SU	CAWR-19-162061
Spring 3A	—	10/2/2018	WG	pH	8.02	SU	CAWR-19-162060
Spring 3A	—	10/1/2019	WG	pH	7.55	SU	CAWR-20-188069
Spring 3A	—	10/4/2021	WG	pH	7.57	SU	CAWR-22-234639
Spring 3A	—	10/3/2022	WG	pH	7.49	SU	CAWR-23-259068
Spring 3A	—	10/10/2017	WG	Specific Conductance	196.5	µS/cm	CAWR-18-147409
Spring 3A	—	10/2/2018	WG	Specific Conductance	197.1	µS/cm	CAWR-19-162061
Spring 3A	—	10/2/2018	WG	Specific Conductance	197.1	µS/cm	CAWR-19-162060
Spring 3A	—	10/1/2019	WG	Specific Conductance	196	µS/cm	CAWR-20-188069
Spring 3A	—	10/4/2021	WG	Specific Conductance	196	µS/cm	CAWR-22-234639
Spring 3A	—	10/3/2022	WG	Specific Conductance	195.9	µS/cm	CAWR-23-259068
Spring 3A	—	10/10/2017	WG	Temperature	19.7	deg C	CAWR-18-147409
Spring 3A	—	10/2/2018	WG	Temperature	19.9	deg C	CAWR-19-162061
Spring 3A	—	10/2/2018	WG	Temperature	19.9	deg C	CAWR-19-162060
Spring 3A	—	10/1/2019	WG	Temperature	19.8	deg C	CAWR-20-188069
Spring 3A	—	10/4/2021	WG	Temperature	19.9	deg C	CAWR-22-234639
Spring 3A	—	10/3/2022	WG	Temperature	20.2	deg C	CAWR-23-259068
Spring 3A	—	10/10/2017	WG	Turbidity	1	NTU	CAWR-18-147409
Spring 3A	—	10/2/2018	WG	Turbidity	0.36	NTU	CAWR-19-162061
Spring 3A	—	10/2/2018	WG	Turbidity	0.36	NTU	CAWR-19-162060
Spring 3A	—	10/1/2019	WG	Turbidity	6.43	NTU	CAWR-20-188069
Spring 3A	—	10/4/2021	WG	Turbidity	0	NTU	CAWR-22-234639
Spring 3A	—	10/3/2022	WG	Turbidity	0.36	NTU	CAWR-23-259068
Spring 3AA	—	10/10/2017	WG	Dissolved Oxygen	6.43	mg/L	CAWR-18-147410
Spring 3AA	—	10/2/2018	WG	Dissolved Oxygen	6.44	mg/L	CAWR-19-162067
Spring 3AA	—	10/1/2019	WG	Dissolved Oxygen	6.54	mg/L	CAWR-20-186697
Spring 3AA	—	10/4/2021	WG	Dissolved Oxygen	6.36	mg/L	CAWR-22-234641
Spring 3AA	—	10/3/2022	WG	Dissolved Oxygen	6.63	mg/L	CAWR-23-259121

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Spring 3AA	—	10/10/2017	WG	Flow (in gpm)	0.48	gal./min	CAWR-18-147410
Spring 3AA	—	10/2/2018	WG	Flow (in gpm)	0.28	gal./min	CAWR-19-162067
Spring 3AA	—	10/1/2019	WG	Flow (in gpm)	0.24	gal./min	CAWR-20-186697
Spring 3AA	—	10/4/2021	WG	Flow (in gpm)	0.18	gal./min	CAWR-22-234641
Spring 3AA	—	10/3/2022	WG	Flow (in gpm)	0.22	gal./min	CAWR-23-259121
Spring 3AA	—	10/10/2017	WG	pH	7.6	SU	CAWR-18-147410
Spring 3AA	—	10/2/2018	WG	pH	7.69	SU	CAWR-19-162067
Spring 3AA	—	10/1/2019	WG	pH	8.04	SU	CAWR-20-186697
Spring 3AA	—	10/4/2021	WG	pH	7.8	SU	CAWR-22-234641
Spring 3AA	—	10/3/2022	WG	pH	7.5	SU	CAWR-23-259121
Spring 3AA	—	10/10/2017	WG	Specific Conductance	167.3	µS/cm	CAWR-18-147410
Spring 3AA	—	10/2/2018	WG	Specific Conductance	173.2	µS/cm	CAWR-19-162067
Spring 3AA	—	10/1/2019	WG	Specific Conductance	173	µS/cm	CAWR-20-186697
Spring 3AA	—	10/4/2021	WG	Specific Conductance	174.9	µS/cm	CAWR-22-234641
Spring 3AA	—	10/3/2022	WG	Specific Conductance	169.3	µS/cm	CAWR-23-259121
Spring 3AA	—	10/10/2017	WG	Temperature	19	deg C	CAWR-18-147410
Spring 3AA	—	10/2/2018	WG	Temperature	21	deg C	CAWR-19-162067
Spring 3AA	—	10/1/2019	WG	Temperature	21.4	deg C	CAWR-20-186697
Spring 3AA	—	10/4/2021	WG	Temperature	21.1	deg C	CAWR-22-234641
Spring 3AA	—	10/3/2022	WG	Temperature	19.6	deg C	CAWR-23-259121
Spring 3AA	—	10/10/2017	WG	Turbidity	0.8	NTU	CAWR-18-147410
Spring 3AA	—	10/2/2018	WG	Turbidity	0.6	NTU	CAWR-19-162067
Spring 3AA	—	10/1/2019	WG	Turbidity	1.05	NTU	CAWR-20-186697
Spring 3AA	—	10/4/2021	WG	Turbidity	3.34	NTU	CAWR-22-234641
Spring 3AA	—	10/3/2022	WG	Turbidity	0.55	NTU	CAWR-23-259121
Spring 4	—	10/2/2018	WG	Dissolved Oxygen	7.11	mg/L	CAWR-19-162849
Spring 4	—	10/1/2019	WG	Dissolved Oxygen	7.09	mg/L	CAWR-20-186701
Spring 4	—	10/5/2020	WG	Dissolved Oxygen	7.6	mg/L	CAWR-21-208755

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Spring 4	—	10/4/2021	WG	Dissolved Oxygen	7	mg/L	CAWR-22-234643
Spring 4	—	10/13/2022	WG	Dissolved Oxygen	7.26	mg/L	CAWR-23-259139
Spring 4	—	10/2/2018	WG	Flow (in gpm)	15.71	gal./min	CAWR-19-162849
Spring 4	—	10/1/2019	WG	Flow (in gpm)	26.7	gal./min	CAWR-20-186701
Spring 4	—	10/5/2020	WG	Flow (in gpm)	11.33	gal./min	CAWR-21-208755
Spring 4	—	10/4/2021	WG	Flow (in gpm)	72.7	gal./min	CAWR-22-234643
Spring 4	—	10/13/2022	WG	Flow (in gpm)	24.36	gal./min	CAWR-23-259139
Spring 4	—	10/2/2018	WG	pH	7.79	SU	CAWR-19-162849
Spring 4	—	10/2/2018	WG	pH	7.79	SU	CAWR-19-162069
Spring 4	—	10/1/2019	WG	pH	7.77	SU	CAWR-20-186701
Spring 4	—	10/5/2020	WG	pH	7.16	SU	CAWR-21-208755
Spring 4	—	10/4/2021	WG	pH	7.57	SU	CAWR-22-234643
Spring 4	—	10/13/2022	WG	pH	7.01	SU	CAWR-23-259139
Spring 4	—	10/2/2018	WG	Specific Conductance	220	µS/cm	CAWR-19-162069
Spring 4	—	10/1/2019	WG	Specific Conductance	216.4	µS/cm	CAWR-20-186701
Spring 4	—	10/5/2020	WG	Specific Conductance	213.3	µS/cm	CAWR-21-208755
Spring 4	—	10/4/2021	WG	Specific Conductance	219.5	µS/cm	CAWR-22-234643
Spring 4	—	10/13/2022	WG	Specific Conductance	214	µS/cm	CAWR-23-259139
Spring 4	—	10/2/2018	WG	Temperature	18	deg C	CAWR-19-162849
Spring 4	—	10/2/2018	WG	Temperature	18	deg C	CAWR-19-162069
Spring 4	—	10/1/2019	WG	Temperature	18.4	deg C	CAWR-20-186701
Spring 4	—	10/5/2020	WG	Temperature	16.8	deg C	CAWR-21-208755
Spring 4	—	10/4/2021	WG	Temperature	19.3	deg C	CAWR-22-234643
Spring 4	—	10/13/2022	WG	Temperature	17.6	deg C	CAWR-23-259139
Spring 4	—	10/2/2018	WG	Turbidity	2.1	NTU	CAWR-19-162849
Spring 4	—	10/2/2018	WG	Turbidity	2.1	NTU	CAWR-19-162069
Spring 4	—	10/1/2019	WG	Turbidity	0.46	NTU	CAWR-20-186701
Spring 4	—	10/5/2020	WG	Turbidity	0.6	NTU	CAWR-21-208755

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Spring 4	—	10/4/2021	WG	Turbidity	0.78	NTU	CAWR-22-234643
Spring 4	—	10/13/2022	WG	Turbidity	0.98	NTU	CAWR-23-259139
Spring 4AA	—	10/11/2017	WG	Dissolved Oxygen	4.6	mg/L	CAWR-18-147320
Spring 4AA	—	10/3/2018	WG	Dissolved Oxygen	5.84	mg/L	CAWR-19-162080
Spring 4AA	—	10/1/2019	WG	Dissolved Oxygen	5.72	mg/L	CAWR-20-186707
Spring 4AA	—	10/4/2021	WG	Dissolved Oxygen	6.48	mg/L	CAWR-22-234647
Spring 4AA	—	10/3/2022	WG	Dissolved Oxygen	6.51	mg/L	CAWR-23-259177
Spring 4AA	—	10/11/2017	WG	Flow (in gpm)	not collected	gal./min	CAWR-18-147320
Spring 4AA	—	10/3/2018	WG	Flow (in gpm)	3.2	gal./min	CAWR-19-162080
Spring 4AA	—	10/1/2019	WG	Flow (in gpm)	3.5	gal./min	CAWR-20-186707
Spring 4AA	—	10/4/2021	WG	Flow (in gpm)	1.1	gal./min	CAWR-22-234647
Spring 4AA	—	10/3/2022	WG	Flow (in gpm)	not collected	gal./min	CAWR-23-259177
Spring 4AA	—	10/11/2017	WG	pH	7.18	SU	CAWR-18-147320
Spring 4AA	—	10/3/2018	WG	pH	7.45	SU	CAWR-19-162080
Spring 4AA	—	10/1/2019	WG	pH	7.23	SU	CAWR-20-186707
Spring 4AA	—	10/4/2021	WG	pH	6.84	SU	CAWR-22-234647
Spring 4AA	—	10/3/2022	WG	pH	6.96	SU	CAWR-23-259177
Spring 4AA	—	10/11/2017	WG	Specific Conductance	213.3	µS/cm	CAWR-18-147320
Spring 4AA	—	10/3/2018	WG	Specific Conductance	211.6	µS/cm	CAWR-19-162080
Spring 4AA	—	10/1/2019	WG	Specific Conductance	215	µS/cm	CAWR-20-186707
Spring 4AA	—	10/4/2021	WG	Specific Conductance	217.2	µS/cm	CAWR-22-234647
Spring 4AA	—	10/3/2022	WG	Specific Conductance	215.8	µS/cm	CAWR-23-259177
Spring 4AA	—	10/11/2017	WG	Temperature	18.7	deg C	CAWR-18-147320
Spring 4AA	—	10/3/2018	WG	Temperature	20.4	deg C	CAWR-19-162080
Spring 4AA	—	10/1/2019	WG	Temperature	20.1	deg C	CAWR-20-186707
Spring 4AA	—	10/4/2021	WG	Temperature	18.8	deg C	CAWR-22-234647
Spring 4AA	—	10/3/2022	WG	Temperature	18.9	deg C	CAWR-23-259177
Spring 4AA	—	10/11/2017	WG	Turbidity	1.3	NTU	CAWR-18-147320

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Spring 4AA	—	10/3/2018	WG	Turbidity	0.7	NTU	CAWR-19-162080
Spring 4AA	—	10/1/2019	WG	Turbidity	2.63	NTU	CAWR-20-186707
Spring 4AA	—	10/4/2021	WG	Turbidity	1.22	NTU	CAWR-22-234647
Spring 4AA	—	10/3/2022	WG	Turbidity	1.81	NTU	CAWR-23-259177
Spring 4B	—	10/15/2015	WG	Dissolved Oxygen	5.97	mg/L	CAWR-16-104430
Spring 4B	—	10/12/2016	WG	Dissolved Oxygen	5.27	mg/L	CAWR-16-126332
Spring 4B	—	10/11/2017	WG	Dissolved Oxygen	6.7	mg/L	CAWR-18-147413
Spring 4B	—	10/3/2018	WG	Dissolved Oxygen	5.87	mg/L	CAWR-19-162083
Spring 4B	—	10/3/2022	WG	Dissolved Oxygen	7.02	mg/L	CAWR-23-259181
Spring 4B	—	10/15/2015	WG	Flow (in gpm)	0.40	gal./min	CAWR-16-104430
Spring 4B	—	10/12/2016	WG	Flow (in gpm)	0.19	gal./min	CAWR-16-126332
Spring 4B	—	10/11/2017	WG	Flow (in gpm)	0.12	gal./min	CAWR-18-147413
Spring 4B	—	10/3/2018	WG	Flow (in gpm)	0.07	gal./min	CAWR-19-162083
Spring 4B	—	10/3/2022	WG	Flow (in gpm)	not collected	gal./min	CAWR-23-259181
Spring 4B	—	10/15/2015	WG	pH	7.32	SU	CAWR-16-104430
Spring 4B	—	10/12/2016	WG	pH	7.11	SU	CAWR-16-126332
Spring 4B	—	10/11/2017	WG	pH	7.52	SU	CAWR-18-147413
Spring 4B	—	10/3/2018	WG	pH	7.31	SU	CAWR-19-162083
Spring 4B	—	10/3/2022	WG	pH	7.22	SU	CAWR-23-259181
Spring 4B	—	10/15/2015	WG	Specific Conductance	243	µS/cm	CAWR-16-104430
Spring 4B	—	10/12/2016	WG	Specific Conductance	240.6	µS/cm	CAWR-16-126332
Spring 4B	—	10/11/2017	WG	Specific Conductance	230.9	µS/cm	CAWR-18-147413
Spring 4B	—	10/3/2018	WG	Specific Conductance	242.8	µS/cm	CAWR-19-162083
Spring 4B	—	10/3/2022	WG	Specific Conductance	238.5	µS/cm	CAWR-23-259181
Spring 4B	—	10/15/2015	WG	Temperature	17.57	deg C	CAWR-16-104430
Spring 4B	—	10/12/2016	WG	Temperature	18	deg C	CAWR-16-126332
Spring 4B	—	10/11/2017	WG	Temperature	15.2	deg C	CAWR-18-147413
Spring 4B	—	10/3/2018	WG	Temperature	20.3	deg C	CAWR-19-162083

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Spring 4B	—	10/3/2022	WG	Temperature	17.4	deg C	CAWR-23-259181
Spring 4B	—	10/15/2015	WG	Turbidity	6.1	NTU	CAWR-16-104430
Spring 4B	—	10/12/2016	WG	Turbidity	3.8	NTU	CAWR-16-126332
Spring 4B	—	10/11/2017	WG	Turbidity	3.1	NTU	CAWR-18-147413
Spring 4B	—	10/3/2018	WG	Turbidity	10.3	NTU	CAWR-19-162083
Spring 4B	—	10/3/2022	WG	Turbidity	2.24	NTU	CAWR-23-259181
Spring 5	—	10/11/2017	WG	Dissolved Oxygen	6.61	mg/L	CAWR-18-147414
Spring 5	—	10/3/2018	WG	Dissolved Oxygen	6.97	mg/L	CAWR-19-162086
Spring 5	—	10/2/2019	WG	Dissolved Oxygen	7.01	mg/L	CAWR-20-186713
Spring 5	—	10/5/2021	WG	Dissolved Oxygen	7.12	mg/L	CAWR-22-234651
Spring 5	—	10/4/2022	WG	Dissolved Oxygen	7.12	mg/L	CAWR-23-259185
Spring 5	—	10/11/2017	WG	Flow (in gpm)	5.94	gal./min	CAWR-18-147414
Spring 5	—	10/3/2018	WG	Flow (in gpm)	3.23	gal./min	CAWR-19-162086
Spring 5	—	10/2/2019	WG	Flow (in gpm)	4.31	gal./min	CAWR-20-186713
Spring 5	—	10/5/2021	WG	Flow (in gpm)	3.61	gal./min	CAWR-22-234651
Spring 5	—	10/4/2022	WG	Flow (in gpm)	4.2	gal./min	CAWR-23-259185
Spring 5	—	10/11/2017	WG	pH	7.64	SU	CAWR-18-147414
Spring 5	—	10/3/2018	WG	pH	8.31	SU	CAWR-19-162086
Spring 5	—	10/3/2018	WG	pH	8.31	SU	CAWR-19-162085
Spring 5	—	10/2/2019	WG	pH	7.65	SU	CAWR-20-186713
Spring 5	—	10/5/2021	WG	pH	7.92	SU	CAWR-22-234651
Spring 5	—	10/4/2022	WG	pH	7.64	SU	CAWR-23-259185
Spring 5	—	10/11/2017	WG	Specific Conductance	180.7	µS/cm	CAWR-18-147414
Spring 5	—	10/3/2018	WG	Specific Conductance	186.4	µS/cm	CAWR-19-162086
Spring 5	—	10/3/2018	WG	Specific Conductance	186.4	µS/cm	CAWR-19-162085
Spring 5	—	10/2/2019	WG	Specific Conductance	182.9	µS/cm	CAWR-20-186713
Spring 5	—	10/5/2021	WG	Specific Conductance	182.7	µS/cm	CAWR-22-234651
Spring 5	—	10/4/2022	WG	Specific Conductance	183.8	µS/cm	CAWR-23-259185

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Spring 5	—	10/11/2017	WG	Temperature	20.7	deg C	CAWR-18-147414
Spring 5	—	10/3/2018	WG	Temperature	20.9	deg C	CAWR-19-162086
Spring 5	—	10/3/2018	WG	Temperature	20.9	deg C	CAWR-19-162085
Spring 5	—	10/2/2019	WG	Temperature	21.2	deg C	CAWR-20-186713
Spring 5	—	10/5/2021	WG	Temperature	20.8	deg C	CAWR-22-234651
Spring 5	—	10/4/2022	WG	Temperature	20.4	deg C	CAWR-23-259185
Spring 5	—	10/11/2017	WG	Turbidity	0.14	NTU	CAWR-18-147414
Spring 5	—	10/3/2018	WG	Turbidity	0.01	NTU	CAWR-19-162086
Spring 5	—	10/3/2018	WG	Turbidity	0.01	NTU	CAWR-19-162085
Spring 5	—	10/2/2019	WG	Turbidity	0.04	NTU	CAWR-20-186713
Spring 5	—	10/5/2021	WG	Turbidity	0	NTU	CAWR-22-234651
Spring 5	—	10/4/2022	WG	Turbidity	0.03	NTU	CAWR-23-259185
Spring 5B	—	10/12/2016	WG	Dissolved Oxygen	7.88	mg/L	CAWR-16-126335
Spring 5B	—	10/3/2018	WG	Dissolved Oxygen	7.69	mg/L	CAWR-19-162092
Spring 5B	—	10/2/2019	WG	Dissolved Oxygen	7.9	mg/L	CAWR-20-186716
Spring 5B	—	10/5/2021	WG	Dissolved Oxygen	7.93	mg/L	CAWR-22-234653
Spring 5B	—	10/4/2022	WG	Dissolved Oxygen	6.92	mg/L	CAWR-23-259190
Spring 5B	—	10/12/2016	WG	Flow (in gpm)	7.6	gal./min	CAWR-16-126335
Spring 5B	—	10/3/2018	WG	Flow (in gpm)	13.9	gal./min	CAWR-19-162092
Spring 5B	—	10/2/2019	WG	Flow (in gpm)	0.84	gal./min	CAWR-20-186716
Spring 5B	—	10/5/2021	WG	Flow (in gpm)	0.4	gal./min	CAWR-22-234653
Spring 5B	—	10/4/2022	WG	Flow (in gpm)	0.5	gal./min	CAWR-23-259190
Spring 5B	—	10/12/2016	WG	pH	8.15	SU	CAWR-16-126335
Spring 5B	—	10/3/2018	WG	pH	8.45	SU	CAWR-19-162092
Spring 5B	—	10/2/2019	WG	pH	8.6	SU	CAWR-20-186716
Spring 5B	—	10/5/2021	WG	pH	8.32	SU	CAWR-22-234653
Spring 5B	—	10/4/2022	WG	pH	8.19	SU	CAWR-23-259190
Spring 5B	—	10/12/2016	WG	Specific Conductance	174	µS/cm	CAWR-16-126335

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Spring 5B	—	10/3/2018	WG	Specific Conductance	169.5	µS/cm	CAWR-19-162092
Spring 5B	—	10/2/2019	WG	Specific Conductance	168.3	µS/cm	CAWR-20-186716
Spring 5B	—	10/5/2021	WG	Specific Conductance	168.5	µS/cm	CAWR-22-234653
Spring 5B	—	10/4/2022	WG	Specific Conductance	125.7	µS/cm	CAWR-23-259190
Spring 5B	—	10/12/2016	WG	Temperature	18.4	deg C	CAWR-16-126335
Spring 5B	—	10/3/2018	WG	Temperature	17.8	deg C	CAWR-19-162092
Spring 5B	—	10/2/2019	WG	Temperature	16.5	deg C	CAWR-20-186716
Spring 5B	—	10/5/2021	WG	Temperature	16.7	deg C	CAWR-22-234653
Spring 5B	—	10/4/2022	WG	Temperature	16.3	deg C	CAWR-23-259190
Spring 5B	—	10/12/2016	WG	Turbidity	1.2	NTU	CAWR-16-126335
Spring 5B	—	10/3/2018	WG	Turbidity	0.7	NTU	CAWR-19-162092
Spring 5B	—	10/2/2019	WG	Turbidity	1.26	NTU	CAWR-20-186716
Spring 5B	—	10/5/2021	WG	Turbidity	0.26	NTU	CAWR-22-234653
Spring 5B	—	10/4/2022	WG	Turbidity	26.9	NTU	CAWR-23-259190
Spring 6	—	10/11/2017	WG	Dissolved Oxygen	6.57	mg/L	CAWR-18-147417
Spring 6	—	10/3/2018	WG	Dissolved Oxygen	6.9	mg/L	CAWR-19-162095
Spring 6	—	10/2/2019	WG	Dissolved Oxygen	6.38	mg/L	CAWR-20-186719
Spring 6	—	10/5/2021	WG	Dissolved Oxygen	6.38	mg/L	CAWR-22-234655
Spring 6	—	10/4/2022	WG	Dissolved Oxygen	7.09	mg/L	CAWR-23-259203
Spring 6	—	10/11/2017	WG	Flow (in gpm)	12.0	gal./min	CAWR-18-147417
Spring 6	—	10/3/2018	WG	Flow (in gpm)	15.4	gal./min	CAWR-19-162095
Spring 6	—	10/2/2019	WG	Flow (in gpm)	0.56	gal./min	CAWR-20-186719
Spring 6	—	10/5/2021	WG	Flow (in gpm)	0.62	gal./min	CAWR-22-234655
Spring 6	—	10/4/2022	WG	Flow (in gpm)	5.14	gal./min	CAWR-23-259203
Spring 6	—	10/11/2017	WG	pH	7.75	SU	CAWR-18-147417
Spring 6	—	10/3/2018	WG	pH	7.72	SU	CAWR-19-162095
Spring 6	—	10/2/2019	WG	pH	8.01	SU	CAWR-20-186719
Spring 6	—	10/5/2021	WG	pH	7.55	SU	CAWR-22-234655

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Spring 6	—	10/4/2022	WG	pH	7.78	SU	CAWR-23-259203
Spring 6	—	10/11/2017	WG	Specific Conductance	135.4	µS/cm	CAWR-18-147417
Spring 6	—	10/3/2018	WG	Specific Conductance	137.7	µS/cm	CAWR-19-162095
Spring 6	—	10/2/2019	WG	Specific Conductance	140.3	µS/cm	CAWR-20-186719
Spring 6	—	10/5/2021	WG	Specific Conductance	139.8	µS/cm	CAWR-22-234655
Spring 6	—	10/4/2022	WG	Specific Conductance	65.3	µS/cm	CAWR-23-259203
Spring 6	—	10/11/2017	WG	Temperature	20.9	deg C	CAWR-18-147417
Spring 6	—	10/3/2018	WG	Temperature	21.8	deg C	CAWR-19-162095
Spring 6	—	10/2/2019	WG	Temperature	23.3	deg C	CAWR-20-186719
Spring 6	—	10/5/2021	WG	Temperature	25.7	deg C	CAWR-22-234655
Spring 6	—	10/4/2022	WG	Temperature	20.4	deg C	CAWR-23-259203
Spring 6	—	10/11/2017	WG	Turbidity	0.2	NTU	CAWR-18-147417
Spring 6	—	10/3/2018	WG	Turbidity	0.5	NTU	CAWR-19-162095
Spring 6	—	10/2/2019	WG	Turbidity	1.43	NTU	CAWR-20-186719
Spring 6	—	10/5/2021	WG	Turbidity	0.08	NTU	CAWR-22-234655
Spring 6	—	10/4/2022	WG	Turbidity	0.3	NTU	CAWR-23-259203
Spring 8A	—	10/13/2016	WG	Dissolved Oxygen	5.27	mg/L	CAWR-16-126338
Spring 8A	—	10/12/2017	WG	Dissolved Oxygen	7.78	mg/L	CAWR-18-147419
Spring 8A	—	10/2/2019	WG	Dissolved Oxygen	7.83	mg/L	CAWR-20-188081
Spring 8A	—	10/5/2021	WG	Dissolved Oxygen	7.04	mg/L	CAWR-22-234659
Spring 8A	—	10/5/2022	WG	Dissolved Oxygen	7.64	mg/L	CAWR-23-259217
Spring 8A	—	10/13/2016	WG	Flow (in gpm)	0.79	gal./min	CAWR-16-126338
Spring 8A	—	10/12/2017	WG	Flow (in gpm)	1.96	gal./min	CAWR-18-147419
Spring 8A	—	10/2/2019	WG	Flow (in gpm)	0.87	gal./min	CAWR-20-188081
Spring 8A	—	10/5/2021	WG	Flow (in gpm)	0.67	gal./min	CAWR-22-234659
Spring 8A	—	10/5/2022	WG	Flow (in gpm)	0.63	gal./min	CAWR-23-259217
Spring 8A	—	10/13/2016	WG	pH	7.2	SU	CAWR-16-126338
Spring 8A	—	10/12/2017	WG	pH	7.97	SU	CAWR-18-147419

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Spring 8A	—	10/2/2019	WG	pH	7.86	SU	CAWR-20-188081
Spring 8A	—	10/5/2021	WG	pH	7.8	SU	CAWR-22-234659
Spring 8A	—	10/5/2022	WG	pH	7.88	SU	CAWR-23-259217
Spring 8A	—	10/13/2016	WG	Specific Conductance	127.2	µS/cm	CAWR-16-126338
Spring 8A	—	10/12/2017	WG	Specific Conductance	152.8	µS/cm	CAWR-18-147419
Spring 8A	—	10/2/2019	WG	Specific Conductance	128.2	µS/cm	CAWR-20-188081
Spring 8A	—	10/5/2021	WG	Specific Conductance	131.3	µS/cm	CAWR-22-234659
Spring 8A	—	10/5/2022	WG	Specific Conductance	138.1	µS/cm	CAWR-23-259217
Spring 8A	—	10/13/2016	WG	Temperature	22.2	deg C	CAWR-16-126338
Spring 8A	—	10/12/2017	WG	Temperature	17.1	deg C	CAWR-18-147419
Spring 8A	—	10/2/2019	WG	Temperature	22	deg C	CAWR-20-188081
Spring 8A	—	10/5/2021	WG	Temperature	20.5	deg C	CAWR-22-234659
Spring 8A	—	10/5/2022	WG	Temperature	17.8	deg C	CAWR-23-259217
Spring 8A	—	10/13/2016	WG	Turbidity	1.1	NTU	CAWR-16-126338
Spring 8A	—	10/12/2017	WG	Turbidity	16.5	NTU	CAWR-18-147419
Spring 8A	—	10/2/2019	WG	Turbidity	0.87	NTU	CAWR-20-188081
Spring 8A	—	10/5/2021	WG	Turbidity	7.8	NTU	CAWR-22-234659
Spring 8A	—	10/5/2022	WG	Turbidity	1.9	NTU	CAWR-23-259217
Spring 9	—	10/13/2016	WG	Dissolved Oxygen	6.81	mg/L	CAWR-16-126339
Spring 9	—	10/12/2017	WG	Dissolved Oxygen	6.7	mg/L	CAWR-18-147328
Spring 9	—	10/14/2018	WG	Dissolved Oxygen	6.8	mg/L	CAWR-19-162062
Spring 9	—	10/2/2019	WG	Dissolved Oxygen	7.11	mg/L	CAWR-20-186731
Spring 9	—	10/5/2021	WG	Dissolved Oxygen	6.79	mg/L	CAWR-22-234661
Spring 9	—	10/4/2022	WG	Dissolved Oxygen	7.44	mg/L	CAWR-23-259221
Spring 9	—	10/13/2016	WG	Flow (in gpm)	0.30	gal./min	CAWR-16-126339
Spring 9	—	10/12/2017	WG	Flow (in gpm)	0.82	gal./min	CAWR-18-147328
Spring 9	—	10/14/2018	WG	Flow (in gpm)	not collected	gal./min	CAWR-19-162062
Spring 9	—	10/2/2019	WG	Flow (in gpm)	0.53	gal./min	CAWR-20-186731

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Spring 9	—	10/5/2021	WG	Flow (in gpm)	0.85	gal./min	CAWR-22-234661
Spring 9	—	10/4/2022	WG	Flow (in gpm)	not collected	gal./min	CAWR-23-259221
Spring 9	—	10/13/2016	WG	pH	7.2	SU	CAWR-16-126339
Spring 9	—	10/12/2017	WG	pH	7.21	SU	CAWR-18-147328
Spring 9	—	10/14/2018	WG	pH	7.8	SU	CAWR-19-162062
Spring 9	—	10/2/2019	WG	pH	7.59	SU	CAWR-20-186731
Spring 9	—	10/5/2021	WG	pH	6.98	SU	CAWR-22-234661
Spring 9	—	10/4/2022	WG	pH	7.36	SU	CAWR-23-259221
Spring 9	—	10/13/2016	WG	Specific Conductance	135.9	µS/cm	CAWR-16-126339
Spring 9	—	10/12/2017	WG	Specific Conductance	130.7	µS/cm	CAWR-18-147328
Spring 9	—	10/14/2018	WG	Specific Conductance	129.0	µS/cm	CAWR-19-162062
Spring 9	—	10/2/2019	WG	Specific Conductance	128.7	µS/cm	CAWR-20-186731
Spring 9	—	10/5/2021	WG	Specific Conductance	137.6	µS/cm	CAWR-22-234661
Spring 9	—	10/4/2022	WG	Specific Conductance	132.2	µS/cm	CAWR-23-259221
Spring 9	—	10/13/2016	WG	Temperature	21.1	deg C	CAWR-16-126339
Spring 9	—	10/12/2017	WG	Temperature	21.1	deg C	CAWR-18-147328
Spring 9	—	10/14/2018	WG	Temperature	20.8	deg C	CAWR-19-162062
Spring 9	—	10/2/2019	WG	Temperature	22.1	deg C	CAWR-20-186731
Spring 9	—	10/5/2021	WG	Temperature	22.6	deg C	CAWR-22-234661
Spring 9	—	10/4/2022	WG	Temperature	20.6	deg C	CAWR-23-259221
Spring 9	—	10/13/2016	WG	Turbidity	1.9	NTU	CAWR-16-126339
Spring 9	—	10/12/2017	WG	Turbidity	0.2	NTU	CAWR-18-147328
Spring 9	—	10/14/2018	WG	Turbidity	3.3	NTU	CAWR-19-162062
Spring 9	—	10/2/2019	WG	Turbidity	1.05	NTU	CAWR-20-186731
Spring 9	—	10/5/2021	WG	Turbidity	0.85	NTU	CAWR-22-234661
Spring 9	—	10/4/2022	WG	Turbidity	1.98	NTU	CAWR-23-259221
Spring 9A	—	10/13/2016	WG	Dissolved Oxygen	5.36	mg/L	CAWR-16-126340
Spring 9A	—	10/12/2017	WG	Dissolved Oxygen	7.04	mg/L	CAWR-18-147329

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Spring 9A	—	10/4/2018	WG	Dissolved Oxygen	5.99	mg/L	CAWR-19-162109
Spring 9A	—	10/5/2021	WG	Dissolved Oxygen	5.85	mg/L	CAWR-22-234663
Spring 9A	—	10/4/2022	WG	Dissolved Oxygen	5.69	mg/L	CAWR-23-259225
Spring 9A	—	10/13/2016	WG	Flow (in gpm)	7.60	gal./min	CAWR-16-126340
Spring 9A	—	10/12/2017	WG	Flow (in gpm)	1.10	gal./min	CAWR-18-147329
Spring 9A	—	10/4/2018	WG	Flow (in gpm)	1.40	gal./min	CAWR-19-162109
Spring 9A	—	10/5/2021	WG	Flow (in gpm)	not collected	gal./min	CAWR-22-234663
Spring 9A	—	10/4/2022	WG	Flow (in gpm)	not collected	gal./min	CAWR-23-259225
Spring 9A	—	10/13/2016	WG	pH	7.2	SU	CAWR-16-126340
Spring 9A	—	10/12/2017	WG	pH	8.48	SU	CAWR-18-147329
Spring 9A	—	10/4/2018	WG	pH	7.76	SU	CAWR-19-162109
Spring 9A	—	10/5/2021	WG	pH	6.86	SU	CAWR-22-234663
Spring 9A	—	10/4/2022	WG	pH	6.89	SU	CAWR-23-259225
Spring 9A	—	10/13/2016	WG	Specific Conductance	127	µS/cm	CAWR-16-126340
Spring 9A	—	10/12/2017	WG	Specific Conductance	128.8	µS/cm	CAWR-18-147329
Spring 9A	—	10/4/2018	WG	Specific Conductance	129.6	µS/cm	CAWR-19-162109
Spring 9A	—	10/5/2021	WG	Specific Conductance	134.9	µS/cm	CAWR-22-234663
Spring 9A	—	10/4/2022	WG	Specific Conductance	127.1	µS/cm	CAWR-23-259225
Spring 9A	—	10/13/2016	WG	Temperature	21	deg C	CAWR-16-126340
Spring 9A	—	10/12/2017	WG	Temperature	20.9	deg C	CAWR-18-147329
Spring 9A	—	10/4/2018	WG	Temperature	20.8	deg C	CAWR-19-162109
Spring 9A	—	10/5/2021	WG	Temperature	21.1	deg C	CAWR-22-234663
Spring 9A	—	10/4/2022	WG	Temperature	20.5	deg C	CAWR-23-259225
Spring 9A	—	10/13/2016	WG	Turbidity	0.1	NTU	CAWR-16-126340
Spring 9A	—	10/12/2017	WG	Turbidity	0.5	NTU	CAWR-18-147329
Spring 9A	—	10/4/2018	WG	Turbidity	0.3	NTU	CAWR-19-162109
Spring 9A	—	10/5/2021	WG	Turbidity	0	NTU	CAWR-22-234663
Spring 9A	—	10/4/2022	WG	Turbidity	0.02	NTU	CAWR-23-259225

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Upper La Mesita	—	10/10/2018	WG	Dissolved Oxygen	5.72	mg/L	CAWR-19-162029
Upper La Mesita	—	10/7/2019	WG	Dissolved Oxygen	6.68	mg/L	CAWR-20-186481
Upper La Mesita	—	10/1/2020	WG	Dissolved Oxygen	5.69	mg/L	CAWR-21-208739
Upper La Mesita	—	10/12/2021	WG	Dissolved Oxygen	6.33	mg/L	CAWR-22-234629
Upper La Mesita	—	10/11/2022	WG	Dissolved Oxygen	4.97	mg/L	CAWR-23-259038
Upper La Mesita	—	10/10/2018	WG	pH	7.51	SU	CAWR-19-162029
Upper La Mesita	—	10/7/2019	WG	pH	7.86	SU	CAWR-20-186481
Upper La Mesita	—	10/1/2020	WG	pH	7.50	SU	CAWR-21-208739
Upper La Mesita	—	10/12/2021	WG	pH	7.85	SU	CAWR-22-234629
Upper La Mesita	—	10/11/2022	WG	pH	7.4	SU	CAWR-23-259038
Upper La Mesita	—	10/10/2018	WG	Specific Conductance	322.6	µS/cm	CAWR-19-162029
Upper La Mesita	—	10/7/2019	WG	Specific Conductance	315.9	µS/cm	CAWR-20-186481
Upper La Mesita	—	10/1/2020	WG	Specific Conductance	323.80	µS/cm	CAWR-21-208739
Upper La Mesita	—	10/12/2021	WG	Specific Conductance	310.0	µS/cm	CAWR-22-234629
Upper La Mesita	—	10/11/2022	WG	Specific Conductance	312.8	µS/cm	CAWR-23-259038
Upper La Mesita	—	10/10/2018	WG	Temperature	14.5	deg C	CAWR-19-162029
Upper La Mesita	—	10/7/2019	WG	Temperature	16.3	deg C	CAWR-20-186481
Upper La Mesita	—	10/1/2020	WG	Temperature	15.80	deg C	CAWR-21-208739
Upper La Mesita	—	10/11/2022	WG	Temperature	14.6	deg C	CAWR-23-259038
Upper La Mesita	—	10/10/2018	WG	Turbidity	1.7	NTU	CAWR-19-162029
Upper La Mesita	—	10/7/2019	WG	Turbidity	1.40	NTU	CAWR-20-186481
Upper La Mesita	—	10/1/2020	WG	Turbidity	3.26	NTU	CAWR-21-208739
Upper La Mesita	—	10/11/2022	WG	Turbidity	0.32	NTU	CAWR-23-259038
Vine Tree Spring	—	12/17/2019	WG	Dissolved Oxygen	8.32	mg/L	CALA-20-190759
Vine Tree Spring	—	9/9/2020	WG	Dissolved Oxygen	7.78	mg/L	CALA-20-206426
Vine Tree Spring	—	6/8/2021	WG	Dissolved Oxygen	7.15	mg/L	CALA-21-229525
Vine Tree Spring	—	6/21/2022	WG	Dissolved Oxygen	7.44	mg/L	CALA-22-250804
Vine Tree Spring	—	6/20/2023	WG	Dissolved Oxygen	7.17	mg/L	CALA-23-287706

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Vine Tree Spring	—	12/17/2019	WG	Flow (in gpm)	0.05	gal./min	CALA-20-190759
Vine Tree Spring	—	9/9/2020	WG	Flow (in gpm)	4.38	gal./min	CALA-20-206426
Vine Tree Spring	—	6/8/2021	WG	Flow (in gpm)	4.33	gal./min	CALA-21-229525
Vine Tree Spring	—	6/21/2022	WG	Flow (in gpm)	4.22	gal./min	CALA-22-250804
Vine Tree Spring	—	6/20/2023	WG	Flow (in gpm)	5.58	gal./min	CALA-23-287706
Vine Tree Spring	—	12/17/2019	WG	pH	7.31	SU	CALA-20-190759
Vine Tree Spring	—	9/9/2020	WG	pH	7.38	SU	CALA-20-206426
Vine Tree Spring	—	6/8/2021	WG	pH	7.67	SU	CALA-21-229525
Vine Tree Spring	—	6/21/2022	WG	pH	7.79	SU	CALA-22-250804
Vine Tree Spring	—	6/20/2023	WG	pH	7.49	SU	CALA-23-287706
Vine Tree Spring	—	12/17/2019	WG	Specific Conductance	294.7	µS/cm	CALA-20-190759
Vine Tree Spring	—	9/9/2020	WG	Specific Conductance	309.8	µS/cm	CALA-20-206426
Vine Tree Spring	—	6/8/2021	WG	Specific Conductance	302.3	µS/cm	CALA-21-229525
Vine Tree Spring	—	6/21/2022	WG	Specific Conductance	308.4	µS/cm	CALA-22-250804
Vine Tree Spring	—	6/20/2023	WG	Specific Conductance	307.8	µS/cm	CALA-23-287706
Vine Tree Spring	—	12/17/2019	WG	Temperature	11.2	deg C	CALA-20-190759
Vine Tree Spring	—	9/9/2020	WG	Temperature	12.7	deg C	CALA-20-206426
Vine Tree Spring	—	6/8/2021	WG	Temperature	17.1	deg C	CALA-21-229525
Vine Tree Spring	—	6/21/2022	WG	Temperature	14.3	deg C	CALA-22-250804
Vine Tree Spring	—	6/20/2023	WG	Temperature	14.6	deg C	CALA-23-287706
Vine Tree Spring	—	12/17/2019	WG	Turbidity	0.09	NTU	CALA-20-190759
Vine Tree Spring	—	9/9/2020	WG	Turbidity	0.16	NTU	CALA-20-206426
Vine Tree Spring	—	6/8/2021	WG	Turbidity	0.02	NTU	CALA-21-229525

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Vine Tree Spring	—	6/21/2022	WG	Turbidity	0.12	NTU	CALA-22-250804
Vine Tree Spring	—	6/20/2023	WG	Turbidity	0.47	NTU	CALA-23-287706

[a] WG = Groundwater.

[b] gpm = Gallons per minute.

[c] SU = Standard unit.

[d] NTU = Nephelometric turbidity unit.

[e] — = Not applicable.

[f] S1 = Screen 1.

[g] S2 = Screen 2.

[h] S4 = Screen 4.

[i] S3 = Screen 3.

Appendix B

Groundwater Elevation Measurements
(on CD included with this document)

N3B RECORDS	
Media Information Page	
This is a placeholder page for a record that cannot be uploaded or would lose meaning or content if uploaded. The record can be requested through regdocs@em-la.doe.gov	
Document Date: 11/30/2023	**EM ID number:** 703005-01
Document Title: Appendix B 2023 Annual Periodic Monitoring Report for the General Surveillance Monitoring Group: Los Alamos and Pueblo Canyon, Mortandad and Sandia Canyon, Water Canyon/ Cañon de Valle, Ancho Canyon, White Rock Canyon, and Pajarito Canyon Watersheds	☒ **No restrictions** ☐ **UCNI** ☐ **Copyrighted**
Media type and quantity: 1 CD 1 DVD	**Software and version required to read media:** Adobe Acrobat 9.0
Other document numbers or notes: Files are too numerous and large to upload.	

Appendix C

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

The following pages provide lists of (1) acronyms, abbreviations, and symbols; (2) analytical laboratory qualifier codes; (3) validation qualifiers; and (4) background value sources that may be used in Appendix C. Please note that these comprehensive lists include terms used in prior periodic monitoring reports. This periodic monitoring report may not include all of the terms in the following 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	1,3-dinitro-5-nitroso-1,3,5-triazinane
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
HRGC/HRMS	high-resolution gas chromatography/high-resolution mass spectrometry
ICAL	initial calibration
ICPAES	inductively coupled plasma atomic (optical) emission spectroscopy
ICV	initial calibration verification

Acronyms and Abbreviations (continued)

Acronym, Abbreviation, or Symbol	Description
Miscellaneous (continued)	
IDL	instrument detection limit
IS	internal standard
LAL	lower acceptance limit
LANL	Los Alamos National Laboratory
LCS	laboratory control sample
LLEE	low-level electrolytic extraction
LOC	level of chlorination
LSC	liquid scintillation counting
Lvl	level
MCL	maximum contaminant level (EPA)
MDA	minimum detectable activity
MDC	minimum detectable concentration
MDL	method detection limit
MNX	1-nitroso-3,5-dinitro-1,3,5-triazine
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

Acronyms and Abbreviations (continued)

Acronym, Abbreviation, or Symbol	Description
Miscellaneous (continued)	
SU	standard unit
TCDD	tetrachlorodibenzo-p-dioxin
TCDF	tetrachlorodibenzofuran
TDS	total dissolved solids
TPH-DRO	total petroleum hydrocarbons—diesel range organics
TNX	1,3,5-trinitroso-1,3,5-triazine
TPU	total propagated uncertainty
UAL	upper acceptance limit
Sample Types	
WG	groundwater
WS	base flow
Field Prep Codes	
F	filtered
UF	unfiltered
Analysis Type Code	
DL	dilution
INIT	initial
RE	reanalysis
REDL	reanalysis dilution
REP	replicate of the initial analysis
RI	reissue
TOTC	calculated total
Sample Purpose	
FD	field duplicate
REG	regular
Analytical Method Category	
General Chemistry	general chemistry
HEXP	high explosives
HRGC/HRMS	high-resolution gas chromatography/high-resolution mass spectrometry
INORGANIC	inorganic
LCMS/MS	liquid chromatography [dual] mass spectrometry
LCMS/MS HIGH EXPLOSIVES	liquid chromatography [dual] mass spectrometry for high explosives
LCMS/MS PERCHLORATE	liquid chromatography [dual] mass spectrometry for perchlorate
LEGACY	legacy
PCBCONGENERS	PCB congeners
PESTPCB	pesticides/PCBs
RAD	radiological

Acronyms and Abbreviations (continued)

Acronym, Abbreviation, or Symbol	Description
Analytical Method Category (continued)	
SVOC	semivolatile organic compound
TPH	total petroleum hydrocarbons
VOC	volatile organic compound
Detect Flag and Best Value Flag Codes	
N	no
Y	yes
Laboratory Codes	
AAL	Assaigai Analytical Laboratories, Inc.
ACCU	Acculabs Technologies, Inc.
ALTC	Alta Analytical Laboratory, Inc.
ARSL	American Radiation Services, Inc.
ATICO	Analytical Technologies, Inc., Historical code one
BABC	Edward S. Babcock & Sons, Inc., Riverside, CA
BAL	Brooks Applied Labs
CFA	Cape Fear Analytical, LLC, Wilmington, NC, Affiliate of GEL Laboratories, LLC, Charleston, SC
C-INC	Isotope and Nuclear Chemistry (LANL)
COAST	Coastal Science Laboratories, Inc.
CST	Chemical Sciences and Technology (LANL)
DRI	Desert Research Institute
EES6	Environmental Sciences (LANL)
GELC/GEL	GEL Laboratories, LLC, Division of the GEL Group, Inc., Charleston, SC
GEO	Geochron Laboratories
HUFFMAN	Huffman Laboratories, Inc.
KA	KEMRON Environmental Services, Inc.
LVLI	Lionville Laboratory, Inc.
NA	not available
PARA	ALS Environmental, Ft. Collins, CO
RECRAP	RECRA Labnet, Lionville, PA
RFWC	Weston Solutions (formerly Roy F. Weston), West Chester, PA
SGSW	Paradigm Environmental Services, Inc.
SHEALY	Shealy Labs
SILENS	Stable Isotopes Laboratory
STL2	Severn Trent Laboratories, Inc., Richland Historical
STLA	Severn Trent Laboratories, Inc., Los Angeles
STR	Severn Trent Laboratories, Inc., Richland
Lab Codes (continued)	
STSL	Severn Trent Laboratories, Inc., St. Louis

Acronyms and Abbreviations (continued)

Acronym, Abbreviation, or Symbol	Description
SwRI	Southwest Research Institute
UAZ	University of Arizona
UIL	University of Illinois
UMTL	University of Miami Tritium Lab
UNK	Unknown (from historical Environmental Remediation Database migration)

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

Analytical Laboratory Qualifiers

Qualifier	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).
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.
E	(Organic) Analyte exceeded the concentration range. (Inorganic) The serial dilution was exceeded.
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*	(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.
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*	(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.
J	(Organic/Inorganic)—The associated numerical value is an estimated quantity.
N	(Inorganic)—Spiked sample recovery was not within control limits.
P	Percent difference between the results on the two columns during the analysis differed by more than 40%.
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.

Analytical Laboratory Qualifiers (continued)

Qualifier	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.
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

Qualifier	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 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

Background values in Table C-1 are background levels where available, as reported in the “Groundwater Background Investigation Report, Revision 5” (LANL 2016, 601920).

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. 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).

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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.577	—	—	—	—	0.577	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.577	—	—	—	—	0.577	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.346	—	—	—	—	0.346	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.91	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	0.725	—	—	—	—	0.725	mg/L	Y	U	U	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	45.7	—	—	—	—	0.725	mg/L	Y	—	NQ	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0167	—	—	0.00884	0.0515	—	pCi/L	Y	U	UJ	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0923	1.9	—	—	—	0.0923	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0923	1.9	—	—	—	0.0923	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	—	0.017	mg/L	Y	U	UJ	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.67	10	—	—	—	2	µg/L	Y	J	J	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	99.5	2000	—	—	—	1	µg/L	Y	—	NQ	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	21.1	750	—	—	—	15	µg/L	Y	J	J	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.335	—	—	—	—	0.335	mg/L	Y	U	U	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	33.2	—	—	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.03	—	—	1.2	4.03	—	pCi/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	167	250	—	—	—	3.35	mg/L	Y	—	NQ	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.346	—	—	0.959	3.72	—	pCi/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0923	2	—	—	—	0.0923	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0923	2.37	—	—	—	0.0923	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0923	0.485	—	—	—	0.0923	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.196	1.6	—	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.0668	15	—	0.527	2.4	—	pCi/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	9	—	—	1.23	2.67	—	pCi/L	Y	—	NQ	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	123	—	—	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	HMX	2691-41-0	N	0.0923	1000	—	—	—	0.0923	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	9.79	—	—	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	32.6	1000	—	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.9	—	—	2.01	6.94	—	pCi/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.269	10	—	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0923	1.4	—	—	—	0.0923	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0946	3.14	—	—	—	0.0946	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0923	1.74	—	—	—	0.0923	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.173	42.7	—	—	—	0.173	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.342	13.8	—	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	3.04	401	—	—	—	0.563	ng/L	Y	—	NQ	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	3.89	60	—	—	—	0.682	ng/L	Y	—	NQ	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.682	60	—	—	—	0.682	ng/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	PETN	78-11-5	N	0.115	170	—	—	—	0.115	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00553	—	—	0.00783	0.0564	—	pCi/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	—	—	0.00677	0.0582	—	pCi/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	6.54	—	—	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	9.83	—	—	17	30.7	—	pCi/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.945	5	—	0.191	0.226	—	pCi/L	Y	—	J+	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.953	—	—	0.274	—	—	pCi/L	Y	J	J+	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.00815	5	—	0.196	0.72	—	pCi/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	RDX	121-82-4	N	0.0923	9.66	—	—	—	0.0923	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	38.2	—	—	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	60.3	—	—	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-2990	CALA-23-287713	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0276	--	--	0.831	3.44	--	pCi/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	652	--	--	--	--	1	µS/cm	Y	--	NQ	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	222	11800	--	--	--	1	µg/L	Y	--	NQ	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.216	8	--	0.148	0.493	--	pCi/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	17.8	600	--	--	--	0.133	mg/L	Y	--	NQ	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	TATB	3058-38-6	N	0.346	--	--	--	--	0.346	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tetryl	479-45-8	N	0.0923	39.4	--	--	--	0.0923	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	--	--	--	0.6	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	--	--	--	1	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	324	1000	--	--	--	2.38	mg/L	Y	--	J	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0799	--	--	--	--	0.033	mg/L	Y	J	J-	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	2.09	--	--	--	--	0.33	mg/L	Y	--	NQ	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.047	--	--	--	--	0.02	mg/L	Y	J	J	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0923	590	--	--	--	0.0923	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0923	9.8	--	--	--	0.0923	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.346	--	--	--	--	0.346	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	N	0.067	30	--	--	--	0.067	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0312	27.2	--	0.0128	0.0604	--	pCi/L	Y	U	UJ	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00918	28.8	--	0.00686	0.0576	--	pCi/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0272	30	--	0.00902	0.058	--	pCi/L	Y	U	UJ	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	1.48	63.1	--	--	--	1	µg/L	Y	J	J	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	N	3.3	10000	--	--	--	3.3	µg/L	Y	U	U	N3B-2023-2990	CALA-23-287713	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.26	--	--	--	--	0.01	SU	Y	H	J	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	0.725	--	--	--	--	0.725	mg/L	Y	U	U	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	106	--	--	--	--	0.725	mg/L	Y	--	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	Y	87.2	5000	--	--	--	68	µg/L	Y	J	J	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00191	--	--	0.00727	0.059	--	pCi/L	Y	U	U	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	--	--	--	--	0.017	mg/L	Y	U	UJ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	--	--	--	1	µg/L	Y	U	U	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.33	10	--	--	--	2	µg/L	Y	J	J	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	67.4	2000	--	--	--	1	µg/L	Y	--	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	--	--	--	1	µg/L	Y	U	U	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	42.3	750	--	--	--	15	µg/L	Y	J	J	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	2.93	--	--	--	--	0.067	mg/L	Y	--	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	--	--	--	0.3	µg/L	Y	U	U	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	24.6	--	--	--	--	0.05	mg/L	Y	--	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.23	--	--	0.93	3.62	--	pCi/L	Y	U	U	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	13.8	250	--	--	--	0.335	mg/L	Y	--	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	50	--	--	--	3	µg/L	Y	U	U	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	--	--	--	1	µg/L	Y	U	U	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.883	--	--	0.863	3.99	--	pCi/L	Y	U	U	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	--	--	--	3	µg/L	Y	U	U	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	--	--	--	0.00167	mg/L	Y	U	U	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.94	1.6	--	--	--	0.033	mg/L	Y	--	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	-0.327	15	--	0.404	2.38	--	pCi/L	Y	U	U	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	30.2	--	--	1.97	2.65	--	pCi/L	Y	--	NQ	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	88.5	--	--	--	--	0.453	mg/L	Y	--	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	Y	36.4	1000	--	--	--	30	µg/L	Y	J	J	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	--	--	--	0.5	µg/L	Y	U	U	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	6.54	--	--	--	--	0.11	mg/L	Y	--	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	--	--	--	2	µg/L	Y	U	U	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	--	--	--	0.067	µg/L	Y	U	U	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	--	--	--	0.067	µg/L	Y	U	U	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	77	1000	--	--	--	0.2	µg/L	Y	--	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.835	--	--	1.84	6	--	pCi/L	Y	U	U	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	--	--	--	0.6	µg/L	Y	U	U	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.29	10	--	--	--	0.085	mg/L	Y	--	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.623	13.8	--	--	--	0.05	µg/L	Y	--	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	17.6	401	--	--	--	0.57	ng/L	Y	--	NQ	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	16.9	60	--	--	--	0.691	ng/L	Y	--	NQ	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	5.96	60	--	--	--	0.691	ng/L	Y	--	NQ	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00371	--	--	0.0083	0.0756	--	pCi/L	Y	U	U	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00371	--	--	0.00981	0.078	--	pCi/L	Y	U	U	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	8.13	--	--	--	--	0.05	mg/L	Y	--	J+	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	15.4	--	--	16.6	67.2	--	pCi/L	Y	U	U	N3B-2023-3063	CALA-23-287714	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.615	5	—	0.227	0.48	—	pCi/L	Y	—	NQ	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.12	—	—	0.31	—	—	pCi/L	Y	J	J	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.5	5	—	0.211	0.617	—	pCi/L	Y	U	UJ	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	57.8	—	—	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	46.2	—	—	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.2	—	—	1.18	4.99	—	pCi/L	Y	U	U	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	444	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	158	11800	—	—	—	1	µg/L	Y	—	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	9.84	8	—	0.907	0.497	—	pCi/L	Y	—	NQ	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	59.4	600	—	—	—	0.665	mg/L	Y	—	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	279	1000	—	—	—	2.38	mg/L	Y	—	J	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	U	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	1.33	—	—	—	—	0.33	mg/L	Y	—	NQ	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.241	—	—	—	—	0.02	mg/L	Y	—	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.502	30	—	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.254	27.2	—	0.0386	0.0971	—	pCi/L	Y	—	NQ	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.012	28.8	—	0.0118	0.0928	—	pCi/L	Y	U	U	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.18	30	—	0.0303	0.0932	—	pCi/L	Y	—	NQ	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	3.21	63.1	—	—	—	1	µg/L	Y	J	J	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	N	3.3	10000	—	—	—	3.3	µg/L	Y	U	U	N3B-2023-3063	CALA-23-287715	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.23	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.46	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	0.725	—	—	—	—	0.725	mg/L	Y	U	U	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	0.725	—	—	—	—	0.725	mg/L	Y	U	U	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	155	—	—	—	—	0.725	mg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	154	—	—	—	—	0.725	mg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0122	—	—	0.00985	0.0671	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0115	—	—	0.00793	0.0629	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.053	—	—	—	—	0.017	mg/L	Y	—	U	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	—	0.017	mg/L	Y	U	UJ	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.65	10	—	—	—	2	µg/L	Y	J	J	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.57	10	—	—	—	2	µg/L	Y	J	J	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	101	2000	—	—	—	1	µg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Barium	Ba	Y	98.1	2000	—	—	—	1	µg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	46.8	750	—	—	—	15	µg/L	Y	J	J	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Boron	B	Y	45.5	750	—	—	—	15	µg/L	Y	J	J	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	38.3	—	—	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Calcium	Ca	Y	38.1	—	—	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.08	—	—	1.12	4.53	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.168	—	—	2.23	4.51	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17	250	—	—	—	0.134	mg/L	Y	—	J+	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17.2	250	—	—	—	0.134	mg/L	Y	—	J+	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.24	—	—	1.29	5.83	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.14	—	—	1.38	5.71	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-3098	CALA-23-287710	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.384	1.6	—	—	—	0.033	mg/L	Y	—	J+	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.387	1.6	—	—	—	0.033	mg/L	Y	—	J+	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.64	15	—	0.9	2.75	—	pCi/L	Y	U	UJ	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.58	15	—	0.867	2.62	—	pCi/L	Y	U	UJ	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	2.79	—	—	0.85	2.44	—	pCi/L	Y	—	NQ	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	RAD	EPA:900.0	Gross beta	GROSSB	N	1.2	—	—	0.743	2.46	—	pCi/L	Y	U	UJ	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	113	—	—	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	112	—	—	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	4.09	—	—	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	4.11	—	—	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.07	1000	—	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.07	1000	—	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.07	—	—	2.12	8.23	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.709	—	—	2.04	7.11	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.017	10	—	—	—	0.017	mg/L	Y	U	U	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.017	10	—	—	—	0.017	mg/L	Y	U	U	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	N	0.05	13.8	—	—	—	0.05	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	N	0.05	13.8	—	—	—	0.05	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	1.81	401	—	—	—	0.569	ng/L	Y	—	NQ	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	2.5	60	—	—	—	0.69	ng/L	Y	—	NQ	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	1.9	60	—	—	—	0.69	ng/L	Y	—	NQ	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00379	—	—	0.00573	0.0464	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00556	—	—	0.00804	0.0577	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00797	—	—	0.00598	0.0479	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0124	—	—	0.00984	0.0595	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.1	—	—	—	—	0.05	mg/L	Y	—	J+	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Potassium	K	Y	2.11	—	—	—	—	0.05	mg/L	Y	—	J+	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-50.3	—	—	20	52.3	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	16.8	—	—	26.9	46.6	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.363	5	—	0.158	0.397	—	pCi/L	Y	U	UJ	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.681	5	—	0.246	0.593	—	pCi/L	Y	—	U	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.547	—	—	0.256	—	—	pCi/L	Y	U	UJ	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	1.24	—	—	0.343	—	—	pCi/L	Y	J	U	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.184	5	—	0.201	0.703	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.557	5	—	0.24	0.713	—	pCi/L	Y	U	UJ	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	60	—	—	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	59.6	—	—	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	35.7	—	—	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Sodium	Na	Y	35.7	—	—	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.667	—	—	1.46	5.92	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.264	—	—	1.23	4.87	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	397	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	389	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	317	11800	—	—	—	1	µg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Strontium	Sr	Y	317	11800	—	—	—	1	µg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0618	8	—	0.0688	0.239	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.457	8	—	0.162	0.487	—	pCi/L	Y	U	UJ	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.4	600	—	—	—	0.133	mg/L	Y	—	J+	N3B-2023-3098	CALA-23-287711	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.4	600	—	—	—	0.133	mg/L	Y	—	J+	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	221	1000	—	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	230	1000	—	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	UJ	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	UJ	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.507	—	—	—	—	0.33	mg/L	Y	J	J	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.505	—	—	—	—	0.33	mg/L	Y	J	J	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	—	—	0.02	mg/L	Y	U	U	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	—	—	0.02	mg/L	Y	U	U	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.905	30	—	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	0.908	30	—	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.5	27.2	—	0.0416	0.0535	—	pCi/L	Y	—	NQ	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.534	27.2	—	0.041	0.0466	—	pCi/L	Y	—	NQ	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0407	28.8	—	0.0126	0.051	—	pCi/L	Y	U	UJ	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0401	28.8	—	0.0105	0.0445	—	pCi/L	Y	U	UJ	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.329	30	—	0.0315	0.0514	—	pCi/L	Y	—	J+	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.348	30	—	0.0308	0.0447	—	pCi/L	Y	—	J+	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	8.32	63.1	—	—	—	1	µg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Vanadium	V	Y	8.26	63.1	—	—	—	1	µg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	8.81	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Zinc	Zn	Y	7.66	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2023-3098	CALA-23-287740	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.05	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	0.725	—	—	—	—	0.725	mg/L	Y	U	U	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	89	—	62	—	—	0.725	mg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00407	—	—	0.00612	0.0668	—	pCi/L	Y	U	U	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	—	0.017	mg/L	Y	U	UJ	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.46	10	—	—	—	2	µg/L	Y	J	J	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	36	2000	13.5	—	—	1	µg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	18	750	—	—	—	15	µg/L	Y	J	J	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.289	—	—	—	—	0.067	mg/L	Y	—	J+	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	33.7	—	10.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.2	—	—	1.45	5.64	—	pCi/L	Y	U	U	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18	250	3.11	—	—	0.335	mg/L	Y	—	J+	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.7	50	—	—	—	3	µg/L	Y	J	J	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	3.91	—	—	1.96	6.74	—	pCi/L	Y	U	UJ	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.873	1.6	0.234	—	—	0.033	mg/L	Y	—	J+	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.743	15	—	0.736	2.68	—	pCi/L	Y	U	U	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	2.93	—	—	0.841	2.31	—	pCi/L	Y	—	NQ	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	119	—	37.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	8.42	—	3.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.53	1000	2.9	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.583	—	—	2.05	7.7	—	pCi/L	Y	U	U	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	3.65	—	—	0.6	µg/L	Y	U	U	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.13	10	0.459	—	—	0.17	mg/L	Y	—	J+	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	2.05	13.8	0.27	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00264	—	—	0.00523	0.07	—	pCi/L	Y	U	U	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00425	—	—	0.00739	0.0722	—	pCi/L	Y	U	U	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	3.66	—	2.35	—	—	0.05	mg/L	Y	—	J+	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12.7	—	—	21.7	59.9	—	pCi/L	Y	U	U	N3B-2023-3139	CALA-23-287704	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.284	5	—	0.221	0.761	—	pCi/L	Y	U	UJ	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.284	—	—	0.27	—	—	pCi/L	Y	U	UJ	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.699	5	—	0.155	0.778	—	pCi/L	Y	U	U	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	Y	2.88	50	—	—	—	1.5	µg/L	Y	J	J	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	35.4	—	75	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	17.6	—	18.2	—	—	0.1	mg/L	Y	—	J+	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.32	—	—	1.42	4.83	—	pCi/L	Y	U	U	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	349	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	175	11800	59.6	—	—	1	µg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.174	8	—	0.127	0.426	—	pCi/L	Y	U	UJ	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	33	600	7.1	—	—	0.665	mg/L	Y	—	J+	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	212	1000	—	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	UJ	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.615	—	—	—	—	0.33	mg/L	Y	J	J	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.027	—	—	—	—	0.02	mg/L	Y	J	J	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.92	30	0.992	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.41	27.2	0.477	0.104	0.0847	—	pCi/L	Y	—	NQ	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0643	28.8	—	0.019	0.0808	—	pCi/L	Y	U	UJ	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.791	30	0.201	0.0679	0.0813	—	pCi/L	Y	—	NQ	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	9.53	63.1	9.29	—	—	1	µg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	8.78	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2023-3139	CALA-23-287705	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.3	535	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	2.19	14100	—	—	—	1.74	µg/L	Y	J	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.37	—	—	—	—	0.01	SU	Y	H	J	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	94.6	—	—	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	Y	129	5000	—	—	—	68	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	Y	0.114	—	—	0.0199	0.0483	—	pCi/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0623	—	—	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.2	130	—	—	—	4.2	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.3	1720	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.9	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3	3	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3	1.2	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	97.3	2000	—	—	—	1	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.9	0.00109	—	—	—	3.9	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.3	0.12	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.3	0.2	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.3	0.343	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.3	3.43	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	6	75000	—	—	—	6	µg/L	Y	U	UJ	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3	2000	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3	59	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	3	0.137	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.3	6	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	50.9	750	—	—	—	15	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.3	160	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	34	—	—	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.92	—	—	2.19	4.12	—	pCi/L	Y	U	UJ	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	89.9	250	—	—	—	1.34	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	0.187	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	7.3	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3	1400	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.3	3.7	—	—	—	3.3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.41	733	—	—	—	0.41	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3	91	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.3	34.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	Y	1.51	50	—	—	—	1	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.362	—	—	0.915	3.92	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.3	885	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.3	200	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.3	0.0343	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3	7.9	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	0.2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	0.05	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	600	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3	600	—	—	—	3	µg/L	N	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3	—	—	—	—	3	µg/L	N	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	75	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3	75	—	—	—	3	µg/L	N	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3	1.25	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	25	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	—	—	0.667	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3	45.3	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	370	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.3	14800	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.3	612	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3	354	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3	1.52	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5	38.7	—	—	—	5	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3	2.37	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3	0.485	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3	7	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3	4.59	—	—	—	3	µg/L	N	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	4.59	—	—	—	0.1	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3	122	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.3	802	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.3	288	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.715	1.6	—	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.772	15	—	0.78	2.91	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	59.8	—	—	2.66	2.27	—	pCi/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	96.3	—	—	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3	1.39	—	—	—	3	µg/L	N	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3	3.28	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.3	0.343	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	Y	74.7	1000	—	—	—	30	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.5	781	—	—	—	3.5	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	2.78	—	—	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	Y	2.42	200	—	—	—	2	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	1240	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.3	11.4	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.3	35.1	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3	930	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	—	—	—	3.7	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	23.9	1000	—	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.3	1.17	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	26.7	—	—	11.1	7.34	—	pCi/L	Y	UI	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	0.652	200	—	—	—	0.6	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.448	10	—	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3	190	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3	38	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3	1.4	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	3	0.0273	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	3	0.11	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3	0.00167	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3	0.00491	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3	0.37	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3	9.81	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3	3.07	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	2.42	13.8	—	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	3.37	401	—	—	—	0.585	ng/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	12.8	60	—	—	—	0.709	ng/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	7.81	60	—	—	—	0.709	ng/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252007	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.3	170	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3	5	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	Y	0.106	—	—	0.0209	0.0548	—	pCi/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	Y	0.123	—	—	0.0218	0.057	—	pCi/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	11.5	—	—	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.843	—	—	15	60.2	—	pCi/L	Y	U	UJ	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3	250	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.3	117	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.322	5	—	0.116	0.281	—	pCi/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.21	—	—	0.367	—	—	pCi/L	Y	J	J	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.889	5	—	0.349	1.03	—	pCi/L	Y	U	UJ	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	40.2	—	—	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	65.9	—	—	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-3.17	—	—	1.42	3.13	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	567	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	125	11800	—	—	—	1	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	34.2	8	—	2.98	0.456	—	pCi/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.9	600	—	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3	1.66	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	5.74	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	10	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3	240	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	306	1000	—	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.293	—	—	—	—	0.033	mg/L	Y	—	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	2.78	—	—	—	—	0.33	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	Y	23.98	—	—	—	—	—	ng/L	—	—	NQ	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0649	—	—	—	—	0.02	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.98	55000	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3	70	—	—	—	3	µg/L	N	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3	1170	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	3	11.9	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	0.00835	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	56	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.5	60	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	71.93	20000	—	10.925	2.969	—	pCi/L	Y	Q	J	N3B-2022-2412	CAMO-22-252007	ARSL
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.181	30	—	—	—	0.067	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.228	27.2	—	0.0382	0.116	—	pCi/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00512	28.8	—	0.00888	0.0798	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0705	30	—	0.0194	0.0734	—	pCi/L	Y	U	UJ	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	N	1	63.1	—	—	—	1	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	193	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.5	193	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	400	10000	—	—	—	3.3	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.47	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	0.725	—	—	—	—	0.725	mg/L	Y	U	U	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	112	—	—	—	—	0.725	mg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	Y	650	5000	—	—	—	68	µg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.015	—	—	0.00999	0.0556	—	pCi/L	Y	U	U	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	—	0.017	mg/L	Y	U	UJ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	7.4	10	—	—	—	2	µg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	44.6	2000	—	—	—	1	µg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	219	750	—	—	—	15	µg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	17.4	—	—	—	—	0.05	mg/L	Y	N	J-	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.217	—	—	1.23	4.66	—	pCi/L	Y	U	U	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	39.5	250	—	—	—	0.67	mg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.67	—	—	1.2	5.15	—	pCi/L	Y	U	U	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	Y	4.87	1000	—	—	—	3	µg/L	Y	J	J	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.61	1.6	—	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.599	15	—	0.565	2.06	—	pCi/L	Y	U	U	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	14	—	—	1.41	2.36	—	pCi/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.2	—	—	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	Y	383	1000	—	—	—	30	µg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	4.77	—	—	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	9.3	1000	—	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.72	—	—	2.4	9.25	—	pCi/L	Y	U	U	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	2.44	200	—	—	—	0.6	µg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.639	10	—	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	N	0.05	13.8	—	—	—	0.05	µg/L	Y	U	U	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	6.45	401	—	—	—	0.545	ng/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	111	60	—	—	—	0.66	ng/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	36.6	60	—	—	—	0.66	ng/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0134	—	—	0.00691	0.039	—	pCi/L	Y	U	U	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	Y	0.327	—	—	0.029	0.0402	—	pCi/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	14	—	—	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	59	—	—	24.6	49.4	—	pCi/L	Y	UI	U	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.328	5	—	0.172	0.461	—	pCi/L	Y	U	UJ	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.571	—	—	0.229	—	—	pCi/L	Y	U	UJ	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.243	5	—	0.151	0.488	—	pCi/L	Y	U	UJ	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	54.5	—	—	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	55.9	—	—	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.707	—	—	1.27	5.37	—	pCi/L	Y	U	U	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	430	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	80.2	11800	—	—	—	1	µg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.345	8	—	0.127	0.401	—	pCi/L	Y	U	UJ	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	19.3	600	—	—	—	1.33	mg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	269	1000	—	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.328	—	—	—	—	0.033	mg/L	Y	—	J-	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	3.11	—	—	—	—	0.33	mg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	2.53	—	—	—	—	0.02	mg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.138	30	—	—	—	0.067	µg/L	Y	J	J	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.101	27.2	—	0.0175	0.0495	—	pCi/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0176	28.8	—	0.00836	0.0472	—	pCi/L	Y	U	U	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0588	30	—	0.0123	0.0475	—	pCi/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	13.9	63.1	—	—	—	1	µg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	5.06	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2023-2926	CAPU-23-287720	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.37	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-2956	CAPU-23-287722	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
POI-4	159.0	06/07/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	0.725	—	—	—	—	0.725	mg/L	Y	U	U	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	149	—	62	—	—	0.725	mg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.029	—	—	0.0151	0.0707	—	pCi/L	Y	U	U	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	—	0.017	mg/L	Y	U	U	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	6.16	10	—	—	—	2	µg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	97	2000	13.5	—	—	1	µg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	210	750	—	—	—	15	µg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.186	—	—	—	—	0.067	mg/L	Y	J	J+	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	36	—	10.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.394	—	—	1.02	3.87	—	pCi/L	Y	U	U	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	47.4	250	3.11	—	—	0.67	mg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.692	—	—	0.862	3.14	—	pCi/L	Y	U	U	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	Y	6.42	1000	—	—	—	3	µg/L	Y	J	J	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.367	1.6	0.234	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	Y	2.67	15	—	0.942	2.24	—	pCi/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	10.4	—	—	1.35	2.94	—	pCi/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	131	—	37.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	9.99	—	3.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.73	1000	2.9	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.86	—	—	2.24	8.04	—	pCi/L	Y	U	UJ	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	13.1	200	3.65	—	—	0.6	µg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.86	10	0.459	—	—	0.17	mg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.25	13.8	0.27	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	9.71	401	—	—	—	0.579	ng/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	90.6	60	—	—	—	0.702	ng/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	18.9	60	—	—	—	0.702	ng/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00753	—	—	0.00665	0.0512	—	pCi/L	Y	U	U	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0226	—	—	0.00977	0.0528	—	pCi/L	Y	U	U	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	7.49	—	2.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	19.6	—	—	21.7	54.9	—	pCi/L	Y	U	U	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.264	5	—	0.176	0.574	—	pCi/L	Y	U	UJ	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.856	—	—	0.256	—	—	pCi/L	Y	J	J	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.592	5	—	0.185	0.461	—	pCi/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	51.2	—	75	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	42.4	—	18.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.359	—	—	0.792	3.11	—	pCi/L	Y	U	U	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	542	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	195	11800	59.6	—	—	1	µg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.291	8	—	0.121	0.383	—	pCi/L	Y	U	UJ	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	28.1	600	7.1	—	—	1.33	mg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	324	1000	—	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0602	—	—	—	—	0.033	mg/L	Y	J	J-	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	1.12	—	—	—	—	0.33	mg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.38	—	—	—	—	0.02	mg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.55	30	0.992	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.829	27.2	0.477	0.0772	0.101	—	pCi/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0383	28.8	—	0.0161	0.0968	—	pCi/L	Y	U	U	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.573	30	0.201	0.0602	0.0972	—	pCi/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	3.46	63.1	9.29	—	—	1	µg/L	Y	J	J	N3B-2023-2956	CAPU-23-287722	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	N	17.5	10000	—	—	—	3.3	µg/L	Y	J	U	N3B-2023-2956	CAPU-23-287722	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.24	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.8	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0209	—	—	0.0142	0.0438	—	pCi/L	Y	U	UJ	N3B-2023-331	CASA-23-261126	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0434	—	—	—	—	0.017	mg/L	Y	J	U	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.08	10	—	—	—	2	µg/L	Y	J	J	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	43.7	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	22.1	750	—	—	—	15	µg/L	Y	J	J	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	16.8	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.45	—	—	1.12	3.47	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261126	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.67	250	2.7	—	—	0.067	mg/L	Y	—	J+	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.39	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1.31	50	—	—	—	1	µg/L	Y	J	U	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.08	—	—	1.5	6.06	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261126	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-331	CASA-23-261126	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.246	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	-0.161	15	—	0.596	2.82	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261126	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	3.01	—	—	0.925	2.79	—	pCi/L	Y	—	NQ	N3B-2023-331	CASA-23-261126	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	57.1	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.64	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-331	CASA-23-261126	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	N	1.03	1000	2.5	—	—	0.2	µg/L	Y	—	U	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.5	—	—	2.51	8.03	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261126	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.464	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.354	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0209	—	—	0.0116	0.0597	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261126	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00596	—	—	0.0112	0.062	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261126	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.62	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	13.4	—	—	19.5	46.3	—	pCi/L	Y	U	UJ	N3B-2023-331	CASA-23-261126	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.423	5	—	0.145	0.359	—	pCi/L	Y	—	U	N3B-2023-331	CASA-23-261126	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.438	—	—	0.272	—	—	pCi/L	Y	J	U	N3B-2023-331	CASA-23-261126	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0156	5	—	0.23	0.851	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261126	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	57.5	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	11.6	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.27	—	—	1.07	4.88	—	pCi/L	Y	U	UJ	N3B-2023-331	CASA-23-261126	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	185	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	101	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0116	8	—	0.0622	0.214	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261126	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.08	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	139	1000	161	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	U	N3B-2023-331	CASA-23-261126	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2023-331	CASA-23-261126	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.173	—	—	—	—	0.02	mg/L	Y	—	U	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1	30	1.19	—	—	0.067	µg/L	Y	—	J+	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.663	27.2	0.715	0.0806	0.147	—	pCi/L	Y	—	J	N3B-2023-331	CASA-23-261126	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0231	28.8	—	0.0173	0.115	—	pCi/L	Y	U	UJ	N3B-2023-331	CASA-23-261126	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.317	30	0.336	0.0504	0.14	—	pCi/L	Y	—	J	N3B-2023-331	CASA-23-261126	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	11.6	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	7.91	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2023-331	CASA-23-261127	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.85	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	91.2	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	—	—	0.0158	0.0941	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261128	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	—	0.017	mg/L	Y	U	U	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.08	10	—	—	—	2	µg/L	Y	J	J	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	35.1	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	26.6	750	—	—	—	15	µg/L	Y	J	J	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	19.1	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.53	—	—	1.2	3.04	—	pCi/L	Y	U	UJ	N3B-2023-331	CASA-23-261128	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.38	250	2.7	—	—	0.067	mg/L	Y	—	J+	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1.43	50	—	—	—	1	µg/L	Y	J	U	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0392	—	—	0.909	3.29	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261128	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-331	CASA-23-261128	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.195	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.79	15	—	0.883	2.62	—	pCi/L	Y	U	UJ	N3B-2023-331	CASA-23-261128	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	2.86	—	—	0.732	1.98	—	pCi/L	Y	—	NQ	N3B-2023-331	CASA-23-261128	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65.9	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	4.41	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-331	CASA-23-261128	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	N	1.05	1000	2.5	—	—	0.2	µg/L	Y	—	U	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.15	—	—	1.49	5.29	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261128	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.496	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.388	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0102	—	—	0.00811	0.0513	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261128	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00256	—	—	0.00678	0.0532	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261128	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.98	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-3.49	—	—	12.5	43.3	—	pCi/L	Y	U	UJ	N3B-2023-331	CASA-23-261128	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0559	5	—	0.112	0.428	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261128	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.881	—	—	0.295	—	—	pCi/L	Y	J	U	N3B-2023-331	CASA-23-261128	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.825	5	—	0.273	0.744	—	pCi/L	Y	—	U	N3B-2023-331	CASA-23-261128	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	61.5	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	12.7	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.6	—	—	0.976	2.89	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261128	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	206	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	105	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.172	8	—	0.083	0.267	—	pCi/L	Y	U	UJ	N3B-2023-331	CASA-23-261128	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.82	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	159	1000	161	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	U	N3B-2023-331	CASA-23-261128	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2023-331	CASA-23-261128	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.143	—	—	—	—	0.02	mg/L	Y	—	U	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.32	30	1.19	—	—	0.067	µg/L	Y	—	J+	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.808	27.2	0.715	0.0562	0.047	—	pCi/L	Y	—	NQ	N3B-2023-331	CASA-23-261128	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0148	28.8	—	0.00987	0.037	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261128	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.404	30	0.336	0.0347	0.045	—	pCi/L	Y	—	NQ	N3B-2023-331	CASA-23-261128	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	11.1	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	3.78	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2023-331	CASA-23-261129	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	2.78	14100	—	—	—	1.74	µg/L	Y	J	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.13	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.23	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.1	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	0.725	—	—	—	—	0.725	mg/L	Y	U	U	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	89.2	—	72.9	—	—	0.725	mg/L	Y	—	NQ	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86.4	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86.8	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00736	—	—	0.00726	0.056	—	pCi/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0235	—	—	0.0121	0.0632	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00215	—	—	0.00481	0.0405	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	—	0.017	mg/L	Y	U	U	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	—	0.017	mg/L	Y	U	U	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	—	0.017	mg/L	Y	U	U	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.79	10	—	—	—	2	µg/L	Y	J	J	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.93	10	—	—	—	2	µg/L	Y	J	J	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.87	10	—	—	—	2	µg/L	Y	J	J	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	73.7	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	72.4	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Barium	Ba	Y	72.1	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	23.3	750	—	—	—	15	µg/L	Y	J	J	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	16.2	750	—	—	—	15	µg/L	Y	J	J	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Boron	B	Y	16.1	750	—	—	—	15	µg/L	Y	J	J	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.105	—	—	—	—	0.067	mg/L	Y	J	J	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.141	—	—	—	—	0.067	mg/L	Y	J	J	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	26.2	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	24.6	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Calcium	Ca	Y	24.5	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.081	—	—	1.25	4.59	—	pCi/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.07	—	—	1.39	3.53	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.445	—	—	1.15	4.11	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.69	250	2.7	—	—	0.067	mg/L	Y	—	J+	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.66	250	2.7	—	—	0.067	mg/L	Y	—	J+	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.51	250	2.7	—	—	0.067	mg/L	Y	—	J+	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	0.187	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	0.187	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	0.187	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	7.3	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	7.3	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	7.3	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.27	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.07	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.05	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2023-331	CASA-23-261131	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.08	—	—	1.31	5.52	—	pCi/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.41	—	—	0.893	3.41	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0855	—	—	1.07	4.11	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	0.2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	0.2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	0.2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	0.05	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	0.05	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	0.05	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	600	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	600	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	600	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	75	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	75	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	75	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	25	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	25	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	25	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	—	—	0.667	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	—	—	0.667	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	—	—	0.667	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	370	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	370	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	370	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.412	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.374	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.378	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.745	15	—	0.602	2.11	—	pCi/L	Y	U	UJ	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.25	15	—	0.861	2.88	—	pCi/L	Y	U	UJ	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.423	15	—	0.74	2.97	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	3.29	—	—	0.914	2.58	—	pCi/L	Y	—	NQ	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	3.26	—	—	0.831	2.24	—	pCi/L	Y	—	NQ	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	RAD	EPA:900.0	Gross beta	GROSSB	Y	3.26	—	—	0.862	2.52	—	pCi/L	Y	—	NQ	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	81	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	76.6	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	75.8	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.79	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.65	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.59	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	1240	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	1240	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	1240	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	1.02	5	—	—	—	0.5	µg/L	Y	BJ	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.92	5	—	—	—	0.5	µg/L	Y	BJ	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.707	1000	2.5	—	—	0.2	µg/L	Y	J	J	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	N	0.67	1000	2.5	—	—	0.2	µg/L	Y	J	U	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	N	0.665	1000	2.5	—	—	0.2	µg/L	Y	J	U	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.742	—	—	2.26	8.53	—	pCi/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.341	—	—	1.61	5.71	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.34	—	—	2.32	7.99	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	5.57	200	2.9	—	—	0.6	µg/L	Y	—	NQ	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	5.46	200	2.9	—	—	0.6	µg/L	Y	—	NQ	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Nickel	Ni	Y	5.41	200	2.9	—	—	0.6	µg/L	Y	—	NQ	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.2	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.17	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.17	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.653	13.8	0.414	—	—	0.05	µg/L	Y	—	J	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.581	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.593	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00237	—	—	0.0109	0.0484	—	pCi/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0052	—	—	0.00736	0.052	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00945	—	—	0.00568	0.0378	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00474	—	—	0.00671	0.0499	—	pCi/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0078	—	—	0.00781	0.054	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00378	—	—	0.00597	0.0393	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	3.11	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	3.25	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Potassium	K	Y	3.21	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	19.6	—	—	25.2	47.8	—	pCi/L	Y	U	UJ	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	2.56	—	—	25.8	28.9	—	pCi/L	Y	U	UJ	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	8.46	—	—	16.2	62.4	—	pCi/L	Y	U	UJ	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.465	5	—	0.213	0.577	—	pCi/L	Y	U	UJ	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.354	5	—	0.136	0.355	—	pCi/L	Y	U	UJ	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.631	5	—	0.173	0.367	—	pCi/L	Y	—	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.846	—	—	0.28	—	—	pCi/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.527	—	—	0.241	—	—	pCi/L	Y	U	UJ	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.777	—	—	0.263	—	—	pCi/L	Y	J	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.382	5	—	0.181	0.553	—	pCi/L	Y	U	UJ	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.174	5	—	0.199	0.701	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.145	5	—	0.198	0.71	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	53.4	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	51.2	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	51	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	12.8	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	12.3	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261131	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Sodium	Na	Y	12.2	--	16	--	--	0.1	mg/L	Y	--	NQ	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0144	--	--	1.1	4.47	--	pCi/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.289	--	--	0.994	3.57	--	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.379	--	--	1.35	4.91	--	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	222	--	--	--	--	1	µS/cm	Y	--	NQ	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	234	--	--	--	--	1	µS/cm	Y	--	NQ	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	235	--	--	--	--	1	µS/cm	Y	--	NQ	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	182	11800	157	--	--	1	µg/L	Y	--	NQ	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	185	11800	157	--	--	1	µg/L	Y	--	NQ	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Strontium	Sr	Y	183	11800	157	--	--	1	µg/L	Y	--	NQ	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.287	8	--	0.152	0.492	--	pCi/L	Y	U	UJ	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.175	8	--	0.0788	0.252	--	pCi/L	Y	U	UJ	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.367	8	--	0.0881	0.315	--	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	--	--	--	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	--	--	--	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	--	--	--	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.6	600	4.59	--	--	0.133	mg/L	Y	--	NQ	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.5	600	4.59	--	--	0.133	mg/L	Y	--	NQ	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.4	600	4.59	--	--	0.133	mg/L	Y	--	NQ	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	5.74	--	--	--	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	5.74	--	--	--	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	5.74	--	--	--	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	10	--	--	--	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	10	--	--	--	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	10	--	--	--	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	--	--	--	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	--	--	--	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	--	--	--	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	--	--	--	0.6	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	--	--	--	0.6	µg/L	Y	U	U	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	--	--	--	0.6	µg/L	Y	U	U	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	--	--	--	1	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	--	--	--	1	µg/L	Y	U	U	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	--	--	--	1	µg/L	Y	U	U	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	--	--	--	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	--	--	--	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	--	--	--	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163	1000	161	--	--	2.38	mg/L	Y	--	J	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	165	1000	161	--	--	2.38	mg/L	Y	--	NQ	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	175	1000	161	--	--	2.38	mg/L	Y	--	NQ	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	--	--	--	--	0.033	mg/L	Y	U	UJ	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	--	--	--	--	0.033	mg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	--	--	--	--	0.033	mg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	--	--	--	--	0.33	mg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	--	--	--	--	0.33	mg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	--	--	--	--	0.33	mg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	--	--	--	--	0.02	mg/L	Y	U	U	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.197	--	--	--	--	0.02	mg/L	Y	--	U	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.305	--	--	--	--	0.02	mg/L	Y	--	U	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.98	55000	--	--	--	2.98	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.98	55000	--	--	--	2.98	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.98	55000	--	--	--	2.98	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	7	--	--	--	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	7	--	--	--	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	7	--	--	--	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	70	--	--	--	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	70	--	--	--	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	70	--	--	--	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	--	--	--	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	--	--	--	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	--	--	--	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	5	--	--	--	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	5	--	--	--	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	5	--	--	--	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	--	--	--	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	0.00835	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	0.00835	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	0.00835	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	56	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	56	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	56	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.5	60	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.5	60	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.5	60	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.72	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.68	30	1.19	—	—	0.067	µg/L	Y	—	J+	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	1.68	30	1.19	—	—	0.067	µg/L	Y	—	J+	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.09	27.2	0.715	0.069	0.0474	—	pCi/L	Y	—	NQ	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.932	27.2	0.715	0.0708	0.0677	—	pCi/L	Y	—	NQ	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.958	27.2	0.715	0.0629	0.0464	—	pCi/L	Y	—	NQ	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0408	28.8	—	0.0106	0.0452	—	pCi/L	Y	U	UJ	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0425	28.8	—	0.0134	0.0532	—	pCi/L	Y	U	UJ	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0388	28.8	—	0.011	0.0365	—	pCi/L	Y	—	NQ	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.59	30	0.336	0.0438	0.0455	—	pCi/L	Y	—	NQ	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.553	30	0.336	0.0491	0.0647	—	pCi/L	Y	—	NQ	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.546	30	0.336	0.042	0.0444	—	pCi/L	Y	—	NQ	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	7.59	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	7.7	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Vanadium	V	Y	7.64	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	193	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	193	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	193	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.5	193	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.5	193	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.5	193	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	13.3	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	7.66	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Zinc	Zn	Y	8.61	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2023-331	CASA-23-261442	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.312	535	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.312	—	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	3.02	14100	—	—	—	1.74	µg/L	Y	J	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.41	—	—	—	—	0.01	SU	Y	H	J	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	4	—	—	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.6	—	62	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00581	—	—	0.00581	0.0388	—	pCi/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0472	—	—	—	—	0.017	mg/L	Y	J	U	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.37	130	—	—	—	4.37	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.312	1720	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	2	10	—	—	—	2	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3.12	3	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3.12	1.2	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	12.2	2000	13.5	—	—	1	µg/L	Y	—	NQ	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	4.06	0.00109	—	—	—	4.06	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.312	0.12	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.312	0.2	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.312	0.343	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.312	—	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.312	3.43	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	10.1	75000	—	—	—	6.25	µg/L	Y	J	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3.12	2000	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3.12	59	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	3.12	0.137	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.312	6	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	20.1	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3.12	—	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.312	160	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	17.4	—	10.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.7	—	—	1.66	5.05	—	pCi/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.36	250	3.11	—	—	0.067	mg/L	Y	—	J+	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	0.187	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	7.3	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3.12	1400	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.44	3.7	—	—	—	3.44	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.427	733	—	—	—	0.427	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3.12	91	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.12	—	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.312	34.3	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.2	—	—	1.27	5.63	—	pCi/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.312	885	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.312	200	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.312	0.0343	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3.12	7.9	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	0.2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	0.05	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	600	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3.12	600	—	—	—	3.12	µg/L	N	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3.12	—	—	—	—	3.12	µg/L	N	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	75	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3.12	75	—	—	—	3.12	µg/L	N	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3.12	1.25	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	25	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	—	—	0.667	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3.12	45.3	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	370	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.312	14800	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.312	612	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3.12	354	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.12	1.52	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5.21	38.7	—	—	—	5.21	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3.12	2.37	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3.12	0.485	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3.12	7	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3.12	4.59	—	—	—	3.12	µg/L	N	U	UJ	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.301	4.59	—	—	—	0.1	µg/L	Y	J	J	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3.12	122	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.312	802	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.312	288	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.369	1.6	0.234	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.43	15	—	0.788	2.46	—	pCi/L	Y	U	UJ	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	-1.22	—	—	0.709	2.72	—	pCi/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.6	—	37.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3.12	1	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3.12	1.39	—	—	—	3.12	µg/L	N	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3.12	50	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3.12	3.28	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.312	0.343	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.64	781	—	—	—	3.64	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.66	—	3.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	Y	33.8	200	—	—	—	2	µg/L	Y	—	NQ	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	1240	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.312	11.4	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.312	35.1	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3.12	930	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.85	—	—	—	—	3.85	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.56	1000	2.9	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.312	1.17	—	—	—	0.312	µg/L	N	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	5.02	—	—	3	10.8	—	pCi/L	Y	U	UJ	N3B-2022-2316	CASA-22-252063	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	3.65	—	—	0.6	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.25	10	0.459	—	—	0.085	mg/L	Y	—	J+	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3.12	190	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3.12	—	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3.12	38	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3.12	1.4	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3.12	—	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3.12	—	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.12	0.0273	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.12	0.11	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3.12	0.00167	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3.12	0.00491	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3.12	0.37	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.12	9.81	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3.12	3.07	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3.12	1	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	N	0.751	13.8	0.27	—	—	0.05	µg/L	Y	—	U	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.312	170	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3.12	5	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00229	—	—	0.00397	0.0469	—	pCi/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00229	—	—	0.00687	0.0412	—	pCi/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.28	—	2.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.189	—	—	22.2	86.8	—	pCi/L	Y	U	UJ	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3.12	250	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.312	117	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3.12	20	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.245	5	—	0.0939	0.209	—	pCi/L	Y	—	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.245	—	—	0.227	—	—	pCi/L	Y	J	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.204	5	—	0.207	0.831	—	pCi/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	47.1	—	75	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	10.6	—	18.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.386	—	—	1.4	5.23	—	pCi/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	188	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	73.7	11800	59.6	—	—	1	µg/L	Y	—	NQ	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.341	8	—	0.114	0.356	—	pCi/L	Y	U	UJ	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.43	600	7.1	—	—	0.133	mg/L	Y	—	J+	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3.12	20	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.12	1.66	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	5.74	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	10	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.12	240	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	161	1000	—	—	—	3.4	mg/L	Y	—	J+	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.108	—	—	—	—	0.02	mg/L	Y	—	U	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.98	55000	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3.12	70	—	—	—	3.12	µg/L	N	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3.12	1170	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	3.12	11.9	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	0.00835	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	56	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.5	60	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	24.383	20000	—	3.851	2.861	—	pCi/L	Y	—	J	N3B-2022-2346	CASA-22-252063	ARSL
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.494	30	0.992	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.356	27.2	0.477	0.035	0.0412	—	pCi/L	Y	—	NQ	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0314	28.8	—	0.0104	0.0428	—	pCi/L	Y	U	UJ	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.141	30	0.201	0.0216	0.0473	—	pCi/L	Y	—	NQ	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	3.37	63.1	9.29	—	—	1	µg/L	Y	J	J	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	193	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.5	193	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	7.78	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-2316	CASA-22-252064	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.3	535	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	3.44	14100	—	—	—	1.74	µg/L	Y	J	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.4	—	—	—	—	0.01	SU	Y	H	J	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.6	—	—	—	—	1.45	mg/L	Y	J	J	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0102	—	—	0.0102	0.0455	—	pCi/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0199	—	—	—	—	0.017	mg/L	Y	J	U	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.2	130	—	—	—	4.2	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.3	1720	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.89	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3	3	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3	1.2	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	19.5	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.9	0.00109	—	—	—	3.9	µg/L	Y	U	UJ	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.3	0.12	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.3	0.2	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.3	0.343	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.3	3.43	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	Y	9.47	75000	—	—	—	6	µg/L	Y	J	J	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3	2000	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3	59	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	3	0.137	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.3	6	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	20.5	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.3	160	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	18.7	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.49	—	—	1.48	4.72	—	pCi/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.65	250	2.7	—	—	0.067	mg/L	Y	—	J-	N3B-2022-2331	CAMO-22-252072	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	0.187	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	7.3	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3	1400	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.3	3.7	—	—	—	3.3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.41	733	—	—	—	0.41	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3	91	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.26	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.3	34.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.324	—	—	1.34	5.15	—	pCi/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.3	885	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.3	200	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.3	0.0343	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3	7.9	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	0.2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	0.05	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	600	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3	600	—	—	—	3	µg/L	N	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3	—	—	—	—	3	µg/L	N	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	75	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3	75	—	—	—	3	µg/L	N	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3	1.25	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	25	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	—	—	0.667	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3	45.3	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	370	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.3	14800	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.3	612	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3	354	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3	1.52	—	—	—	3	µg/L	Y	U	UJ	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5	38.7	—	—	—	5	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3	2.37	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3	0.485	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3	7	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3	4.59	—	—	—	3	µg/L	N	U	UJ	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	4.59	—	—	—	0.1	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3	122	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.3	802	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.3	288	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.475	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.2	15	—	0.806	2.68	—	pCi/L	Y	U	UJ	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	3.87	—	—	1	2.87	—	pCi/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	54.2	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3	1.39	—	—	—	3	µg/L	N	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3	3.28	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.3	0.343	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.5	781	—	—	—	3.5	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	1.85	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	Y	2.13	200	—	—	—	2	µg/L	Y	J	J	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	1240	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.82	5	—	—	—	0.5	µg/L	Y	J	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.3	11.4	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.3	35.1	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3	930	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	—	—	—	3.7	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.15	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.3	1.17	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.3	—	—	2.21	7.91	—	pCi/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.475	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3	190	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3	38	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3	1.4	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3	—	—	—	—	3	µg/L	Y	U	UJ	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	3	0.0273	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	3	0.11	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3	0.00167	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3	0.00491	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3	0.37	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3	9.81	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3	3.07	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.375	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.3	170	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3	5	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00796	—	—	0.0069	0.0407	—	pCi/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0139	—	—	0.00717	0.0358	—	pCi/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.92	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-37.9	—	—	19.9	57.5	—	pCi/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3	250	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.3	117	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.717	5	—	0.164	0.229	—	pCi/L	Y	—	J+	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.1	—	—	0.3	—	—	pCi/L	Y	J	J	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.382	5	—	0.251	0.82	—	pCi/L	Y	U	UJ	N3B-2022-2331	CAMO-22-252071	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	56.5	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	13.2	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.224	—	—	1.3	4.74	—	pCi/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	177	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	200	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0853	8	—	0.11	0.38	—	pCi/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.69	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3	1.66	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	5.74	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	10	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3	240	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	127	1000	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.132	—	—	—	—	0.033	mg/L	Y	—	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0926	—	—	—	—	0.02	mg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.98	55000	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3	70	—	—	—	3	µg/L	N	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3	1170	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	3	11.9	—	—	—	3	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	0.00835	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	56	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.5	60	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.38	20000	—	0.837	2.663	—	pCi/L	Y	U	UJ	N3B-2022-2346	CAMO-22-252071	ARSL
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.954	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.52	27.2	0.715	0.0474	0.0453	—	pCi/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0126	28.8	—	0.0109	0.0471	—	pCi/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.366	30	0.336	0.0364	0.0521	—	pCi/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	13.5	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	193	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.5	193	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	4.98	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.303	535	—	—	—	0.303	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.303	—	—	—	—	0.303	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	4.4	14100	—	—	—	1.74	µg/L	Y	J	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.36	—	—	—	—	0.01	SU	Y	H	J	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.6	—	—	—	—	1.45	mg/L	Y	J	J	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0154	—	—	0.00961	0.0511	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0214	—	—	—	—	0.017	mg/L	Y	J	J	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.25	130	—	—	—	4.25	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.303	1720	—	—	—	0.303	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	4.94	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3.03	3	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3.03	1.2	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	61.5	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.94	0.00109	—	—	—	3.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.303	0.12	—	—	—	0.303	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.303	0.2	—	—	—	0.303	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.303	0.343	—	—	—	0.303	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.303	—	—	—	—	0.303	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.303	3.43	—	—	—	0.303	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	Y	11.2	75000	—	—	—	6.07	µg/L	Y	J	J-	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3.03	2000	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3.03	59	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	3.03	0.137	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.303	6	—	—	—	0.303	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	34	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3.03	—	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.303	160	—	—	—	0.303	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	19.3	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.949	—	—	1.57	4.9	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.55	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	0.187	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	7.3	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3.03	1400	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.34	3.7	—	—	—	3.34	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.415	733	—	—	—	0.415	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3.03	91	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.03	—	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.303	34.3	—	—	—	0.303	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	Y	1.04	50	—	—	—	1	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.29	—	—	1.07	3.42	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.303	885	—	—	—	0.303	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.303	200	—	—	—	0.303	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.303	0.0343	—	—	—	0.303	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3.03	7.9	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	0.2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	0.05	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	600	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3.03	600	—	—	—	3.03	µg/L	N	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3.03	—	—	—	—	3.03	µg/L	N	U	U	N3B-2022-2369	CAMO-22-252016	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	75	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3.03	75	—	—	—	3.03	µg/L	N	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3.03	1.25	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	25	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	—	—	0.667	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3.03	45.3	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	370	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.303	14800	—	—	—	0.303	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.303	612	—	—	—	0.303	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3.03	354	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.03	1.52	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5.06	38.7	—	—	—	5.06	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3.03	2.37	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3.03	0.485	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3.03	7	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3.03	4.59	—	—	—	3.03	µg/L	N	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	4.59	—	—	—	0.1	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3.03	122	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.303	802	—	—	—	0.303	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.303	288	—	—	—	0.303	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.368	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.02	15	—	0.814	2.83	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	2.63	—	—	0.884	2.65	—	pCi/L	Y	U	UJ	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	52	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3.03	1	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3.03	1.39	—	—	—	3.03	µg/L	N	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3.03	50	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3.03	3.28	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.303	0.343	—	—	—	0.303	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.54	781	—	—	—	3.54	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	0.94	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	Y	36.5	200	—	—	—	2	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	1240	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.303	11.4	—	—	—	0.303	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.303	35.1	—	—	—	0.303	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3.03	930	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.74	—	—	—	—	3.74	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.6	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.303	1.17	—	—	—	0.303	µg/L	N	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.48	—	—	1.83	6.49	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.399	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3.03	190	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3.03	—	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3.03	38	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3.03	1.4	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3.03	—	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3.03	—	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.03	0.0273	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.03	0.11	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3.03	0.00167	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3.03	0.00491	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3.03	0.37	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.03	9.81	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3.03	3.07	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3.03	1	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.325	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.303	170	—	—	—	0.303	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3.03	5	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0104	—	—	0.00974	0.0487	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0026	—	—	0.0119	0.0506	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	3.15	—	2.39	—	—	0.05	mg/L	Y	—	J+	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-35.4	—	—	20.2	56.1	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3.03	250	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.303	117	—	—	—	0.303	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3.03	20	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.894	5	—	0.191	0.306	—	pCi/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.07	—	—	0.3	—	—	pCi/L	Y	J	J	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.173	5	—	0.231	0.821	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	45.2	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	16.1	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.284	—	—	1.07	3.55	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	185	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	239	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0548	8	—	0.0924	0.311	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.56	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3.03	20	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.03	1.66	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	5.74	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	10	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.03	240	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	124	1000	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.116	—	—	—	—	0.033	mg/L	Y	—	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.579	—	—	—	—	0.33	mg/L	Y	J	J	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0864	—	—	—	—	0.02	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.98	55000	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3.03	70	—	—	—	3.03	µg/L	N	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3.03	1170	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	3.03	11.9	—	—	—	3.03	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	0.00835	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	56	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.5	60	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.533	20000	—	0.853	2.843	—	pCi/L	Y	UQ	UJ	N3B-2022-2412	CAMO-22-252016	ARSL
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.31	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.659	27.2	0.715	0.0579	0.0829	—	pCi/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0147	28.8	—	0.0116	0.0571	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.421	30	0.336	0.0417	0.0525	—	pCi/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	14.6	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	193	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.5	193	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	10.2	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252017	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.312	535	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.294	535	—	—	—	0.294	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.312	—	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.294	—	—	—	—	0.294	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Acetone	67-64-1	N	2.15	14100	—	—	—	1.74	µg/L	Y	J	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.32	—	—	—	—	0.01	SU	Y	H	J	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.31	—	—	—	—	0.01	SU	Y	H	J	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80.6	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00238	—	—	0.00533	0.0475	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00862	—	—	0.00761	0.0573	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0513	—	—	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0315	—	—	—	—	0.017	mg/L	Y	J	J	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.36	130	—	—	—	4.36	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.12	130	—	—	—	4.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.312	1720	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.294	1720	—	—	—	0.294	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	5.09	10	—	—	—	2	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	Y	5.02	10	—	—	—	2	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3.12	3	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	2.94	3	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3.12	1.2	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	2.94	1.2	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	58.8	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Barium	Ba	Y	59.8	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	4.05	0.00109	—	—	—	4.05	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.82	0.00109	—	—	—	3.82	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.312	0.12	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.294	0.12	—	—	—	0.294	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.312	0.2	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.294	0.2	—	—	—	0.294	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.312	0.343	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.294	0.343	—	—	—	0.294	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.312	—	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.294	—	—	—	—	0.294	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.312	3.43	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.294	3.43	—	—	—	0.294	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	6.23	75000	—	—	—	6.23	µg/L	Y	U	UJ	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	5.88	75000	—	—	—	5.88	µg/L	Y	U	UJ	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3.12	2000	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	2.94	2000	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3.12	59	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	2.94	59	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	3.12	0.137	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	2.94	0.137	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.312	6	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.294	6	—	—	—	0.294	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	23.1	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Boron	B	Y	24.2	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3.12	—	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	2.94	—	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.312	160	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.294	160	—	—	—	0.294	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	18.8	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Calcium	Ca	Y	19.3	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.03	—	—	1.14	4.37	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.23	—	—	1.21	4.75	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.56	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.52	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	0.187	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	0.187	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	7.3	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	7.3	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3.12	1400	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	2.94	1400	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.43	3.7	—	—	—	3.43	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.23	3.7	—	—	—	3.23	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.426	733	—	—	—	0.426	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.402	733	—	—	—	0.402	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3.12	91	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	2.94	91	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.12	—	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.94	—	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.98	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.6	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.312	34.3	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.294	34.3	—	—	—	0.294	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	Y	1.56	50	—	—	—	1	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Cobalt	Co	Y	1.32	50	—	—	—	1	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.59	—	—	1.09	3.4	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.89	—	—	1.38	6.09	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.312	885	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.294	885	—	—	—	0.294	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.312	200	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.294	200	—	—	—	0.294	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.312	0.0343	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.294	0.0343	—	—	—	0.294	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3.12	7.9	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	2.94	7.9	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	0.2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	0.2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	0.05	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	0.05	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	600	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3.12	600	—	—	—	3.12	µg/L	N	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	600	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	2.94	600	—	—	—	2.94	µg/L	N	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3.12	—	—	—	—	3.12	µg/L	N	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	2.94	—	—	—	—	2.94	µg/L	N	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	75	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3.12	75	—	—	—	3.12	µg/L	N	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	75	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	2.94	75	—	—	—	2.94	µg/L	N	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3.12	1.25	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	2.94	1.25	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	25	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	25	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	—	—	0.667	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	—	—	0.667	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3.12	45.3	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	2.94	45.3	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	370	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	370	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.312	14800	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.294	14800	—	—	—	0.294	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.312	612	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.294	612	—	—	—	0.294	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3.12	354	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	2.94	354	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.12	1.52	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.94	1.52	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5.19	38.7	—	—	—	5.19	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	4.9	38.7	—	—	—	4.9	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3.12	2.37	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	2.94	2.37	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3.12	0.485	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	2.94	0.485	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3.12	7	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	2.94	7	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3.12	4.59	—	—	—	3.12	µg/L	N	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	4.59	—	—	—	0.1	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	2.94	4.59	—	—	—	2.94	µg/L	N	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	4.59	—	—	—	0.1	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3.12	122	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	2.94	122	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.312	802	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.294	802	—	—	—	0.294	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.312	288	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.294	288	—	—	—	0.294	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.42	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.405	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.638	15	—	0.677	2.59	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.21	15	—	0.737	2.36	—	pCi/L	Y	U	UJ	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	2.32	—	—	0.764	2.21	—	pCi/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	EPA:900.0	Gross beta	GROSSB	N	2.08	—	—	0.862	2.68	—	pCi/L	Y	U	UJ	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	50.2	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	51.6	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3.12	1	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	2.94	1	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3.12	1.39	—	—	—	3.12	µg/L	N	U	U	N3B-2022-2369	CAMO-22-252026	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	2.94	1.39	—	—	—	2.94	µg/L	N	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3.12	50	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	2.94	50	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3.12	3.28	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	2.94	3.28	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.312	0.343	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.294	0.343	—	—	—	0.294	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.63	781	—	—	—	3.63	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.43	781	—	—	—	3.43	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	0.789	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	0.795	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	1240	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	1240	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.312	11.4	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.294	11.4	—	—	—	0.294	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.312	35.1	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.294	35.1	—	—	—	0.294	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3.12	930	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	2.94	930	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.84	—	—	—	—	3.84	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.63	—	—	—	—	3.63	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.15	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.12	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.312	1.17	—	—	—	0.312	µg/L	N	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.294	1.17	—	—	—	0.294	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.93	—	—	1.96	6.77	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.84	—	—	2.76	10.5	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.445	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.437	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3.12	190	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	2.94	190	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3.12	—	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	2.94	—	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3.12	38	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	2.94	38	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3.12	1.4	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.94	1.4	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3.12	—	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	2.94	—	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3.12	—	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	2.94	—	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.12	0.0273	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.94	0.0273	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.12	0.11	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.94	0.11	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3.12	0.00167	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	2.94	0.00167	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3.12	0.00491	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	2.94	0.00491	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3.12	0.37	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	2.94	0.37	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.12	9.81	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.94	9.81	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3.12	3.07	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	2.94	3.07	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3.12	1	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	2.94	1	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.343	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.393	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.312	170	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.294	170	—	—	—	0.294	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3.12	5	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Phenol	108-95-2	N	2.94	5	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00415	—	—	0.0102	0.0388	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00883	—	—	0.00826	0.0413	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00622	—	—	0.00803	0.0403	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00662	—	—	0.00795	0.0429	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.33	—	2.39	—	—	0.05	mg/L	Y	—	J+	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Potassium	K	Y	2.42	—	2.39	—	—	0.05	mg/L	Y	—	J+	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	3.25	—	—	23.7	37.9	—	pCi/L	Y	U	UJ	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	8.3	—	—	25.9	60.6	—	pCi/L	Y	U	UJ	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3.12	250	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Prometon	1610-18-0	N	2.94	250	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.312	117	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.294	117	—	—	—	0.294	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3.12	20	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Pyridine	110-86-1	N	2.94	20	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.13	5	—	0.104	0.361	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.273	5	—	0.106	0.232	—	pCi/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.569	—	—	0.284	—	—	pCi/L	Y	U	NQ	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.529	—	—	0.315	—	—	pCi/L	Y	J	J	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.439	5	—	0.265	0.851	—	pCi/L	Y	U	UJ	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.256	5	—	0.297	1.01	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	41	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	41.9	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	15.9	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Sodium	Na	Y	16.2	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.376	—	—	0.962	3.72	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.627	—	—	1.28	4.93	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16r	600.0	07/22/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	185	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	185	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	185	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Strontium	Sr	Y	189	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.288	8	—	0.13	0.402	—	pCi/L	Y	U	UJ	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0659	8	—	0.14	0.48	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.56	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.58	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3.12	20	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	2.94	20	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.12	1.66	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.94	1.66	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	5.74	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	5.74	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	10	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	10	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.12	240	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.94	240	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	123	1000	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	114	1000	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.101	—	—	—	—	0.033	mg/L	Y	—	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0942	—	—	—	—	0.033	mg/L	Y	J	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	—	—	0.02	mg/L	Y	U	U	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0239	—	—	—	—	0.02	mg/L	Y	J	J	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.98	55000	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.98	55000	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3.12	70	—	—	—	3.12	µg/L	N	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	2.94	70	—	—	—	2.94	µg/L	N	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3.12	1170	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	2.94	1170	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	3.12	11.9	—	—	—	3.12	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	2.94	11.9	—	—	—	2.94	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	0.00835	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	0.00835	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	56	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	56	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.5	60	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.5	60	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.399	20000	—	0.876	2.796	—	pCi/L	Y	UQ	UJ	N3B-2022-2412	CAMO-22-252026	ARSL
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.103	20000	—	0.827	2.79	—	pCi/L	Y	UQ	UJ	N3B-2022-2412	CAMO-22-252561	ARSL
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.21	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	1.18	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.696	27.2	0.715	0.0629	0.0903	—	pCi/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.65	27.2	0.715	0.0562	0.0797	—	pCi/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.016	28.8	—	0.0127	0.0622	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0282	28.8	—	0.0112	0.0549	—	pCi/L	Y	U	UJ	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.44	30	0.336	0.0454	0.0572	—	pCi/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.391	30	0.336	0.0395	0.0505	—	pCi/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	13.6	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Vanadium	V	Y	14.1	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	193	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	193	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.5	193	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.5	193	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	8.06	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Zinc	Zn	Y	7.78	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252562	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.518	—	—	—	—	0.518	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.504	—	—	—	—	0.504	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.518	—	—	—	—	0.518	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.504	—	—	—	—	0.504	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.311	—	—	—	—	0.311	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.302	—	—	—	—	0.302	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0828	1.9	—	—	—	0.0828	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0806	1.9	—	—	—	0.0806	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0828	1.9	—	—	—	0.0828	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0806	1.9	—	—	—	0.0806	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0828	2	—	—	—	0.0828	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0806	2	—	—	—	0.0806	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0828	2.37	—	—	—	0.0828	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0806	2.37	—	—	—	0.0806	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0828	0.485	—	—	—	0.0828	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0806	0.485	—	—	—	0.0806	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	HMX	2691-41-0	N	0.0828	1000	—	—	—	0.0828	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	HMX	2691-41-0	N	0.0806	1000	—	—	—	0.0806	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0828	1.4	—	—	—	0.0828	µg/L	Y	U	UJ	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0806	1.4	—	—	—	0.0806	µg/L	Y	U	UJ	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0849	3.14	—	—	—	0.0849	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0826	3.14	—	—	—	0.0826	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0828	1.74	—	—	—	0.0828	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0806	1.74	—	—	—	0.0806	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.155	42.7	—	—	—	0.155	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.151	42.7	—	—	—	0.151	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	PETN	78-11-5	N	0.104	170	—	—	—	0.104	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	PETN	78-11-5	N	0.101	170	—	—	—	0.101	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	RDX	121-82-4	N	0.0828	9.66	—	—	—	0.0828	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	RDX	121-82-4	N	0.0806	9.66	—	—	—	0.0806	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	TATB	3058-38-6	N	0.311	—	—	—	—	0.311	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	TATB	3058-38-6	N	0.302	—	—	—	—	0.302	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tetryl	479-45-8	N	0.0828	39.4	—	—	—	0.0828	µg/L	Y	U	UJ	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tetryl	479-45-8	N	0.0806	39.4	—	—	—	0.0806	µg/L	Y	U	UJ	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0828	590	—	—	—	0.0828	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0806	590	—	—	—	0.0806	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0828	9.8	—	—	—	0.0828	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0806	9.8	—	—	—	0.0806	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.311	—	—	—	—	0.311	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.302	—	—	—	—	0.302	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S2	1124.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.484	—	—	—	—	0.484	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267938	GELC
R-17 S2	1124.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.484	—	—	—	—	0.484	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267938	GELC
R-17 S2	1124.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.291	—	—	—	—	0.291	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267938	GELC
R-17 S2	1124.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0775	1.9	—	—	—	0.0775	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267938	GELC
R-17 S2	1124.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0775	1.9	—	—	—	0.0775	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267938	GELC
R-17 S2	1124.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0775	2	—	—	—	0.0775	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267938	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-17 S2	1124.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0775	2.37	—	—	—	0.0775	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267938	GELC
R-17 S2	1124.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0775	0.485	—	—	—	0.0775	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267938	GELC
R-17 S2	1124.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	HMX	2691-41-0	N	0.0775	1000	—	—	—	0.0775	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267938	GELC
R-17 S2	1124.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0775	1.4	—	—	—	0.0775	µg/L	Y	U	UJ	N3B-2023-1423	CAPA-23-267938	GELC
R-17 S2	1124.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0794	3.14	—	—	—	0.0794	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267938	GELC
R-17 S2	1124.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0775	1.74	—	—	—	0.0775	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267938	GELC
R-17 S2	1124.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.145	42.7	—	—	—	0.145	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267938	GELC
R-17 S2	1124.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	PETN	78-11-5	N	0.0968	170	—	—	—	0.0968	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267938	GELC
R-17 S2	1124.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	RDX	121-82-4	N	0.0775	9.66	—	—	—	0.0775	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267938	GELC
R-17 S2	1124.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	TATB	3058-38-6	N	0.291	—	—	—	—	0.291	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267938	GELC
R-17 S2	1124.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tetryl	479-45-8	N	0.0775	39.4	—	—	—	0.0775	µg/L	Y	U	UJ	N3B-2023-1423	CAPA-23-267938	GELC
R-17 S2	1124.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0775	590	—	—	—	0.0775	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267938	GELC
R-17 S2	1124.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0775	9.8	—	—	—	0.0775	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267938	GELC
R-17 S2	1124.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.291	—	—	—	—	0.291	µg/L	Y	U	U	N3B-2023-1423	CAPA-23-267938	GELC
R-19 S2	893.3	02/22/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.572	—	—	—	—	0.572	µg/L	Y	U	U	N3B-2023-1342	CAPA-23-267934	GELC
R-19 S2	893.3	02/22/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.572	—	—	—	—	0.572	µg/L	Y	U	U	N3B-2023-1342	CAPA-23-267934	GELC
R-19 S2	893.3	02/22/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.343	—	—	—	—	0.343	µg/L	Y	U	U	N3B-2023-1342	CAPA-23-267934	GELC
R-19 S2	893.3	02/22/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0916	1.9	—	—	—	0.0916	µg/L	Y	U	U	N3B-2023-1342	CAPA-23-267934	GELC
R-19 S2	893.3	02/22/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0916	1.9	—	—	—	0.0916	µg/L	Y	U	U	N3B-2023-1342	CAPA-23-267934	GELC
R-19 S2	893.3	02/22/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0916	2	—	—	—	0.0916	µg/L	Y	U	U	N3B-2023-1342	CAPA-23-267934	GELC
R-19 S2	893.3	02/22/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0916	2.37	—	—	—	0.0916	µg/L	Y	U	U	N3B-2023-1342	CAPA-23-267934	GELC
R-19 S2	893.3	02/22/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0916	0.485	—	—	—	0.0916	µg/L	Y	U	U	N3B-2023-1342	CAPA-23-267934	GELC
R-19 S2	893.3	02/22/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	HMX	2691-41-0	N	0.0916	1000	—	—	—	0.0916	µg/L	Y	U	U	N3B-2023-1342	CAPA-23-267934	GELC
R-19 S2	893.3	02/22/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrobenzene	98-95-3	Y	12.9	1.4	—	—	—	0.0916	µg/L	Y	—	R	N3B-2023-1342	CAPA-23-267934	GELC
R-19 S2	893.3	02/22/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0939	3.14	—	—	—	0.0939	µg/L	Y	U	U	N3B-2023-1342	CAPA-23-267934	GELC
R-19 S2	893.3	02/22/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0916	1.74	—	—	—	0.0916	µg/L	Y	U	U	N3B-2023-1342	CAPA-23-267934	GELC
R-19 S2	893.3	02/22/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.172	42.7	—	—	—	0.172	µg/L	Y	U	U	N3B-2023-1342	CAPA-23-267934	GELC
R-19 S2	893.3	02/22/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	PETN	78-11-5	N	0.114	170	—	—	—	0.114	µg/L	Y	U	U	N3B-2023-1342	CAPA-23-267934	GELC
R-19 S2	893.3	02/22/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	RDX	121-82-4	N	0.0916	9.66	—	—	—	0.0916	µg/L	Y	U	U	N3B-2023-1342	CAPA-23-267934	GELC
R-19 S2	893.3	02/22/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	TATB	3058-38-6	N	0.343	—	—	—	—	0.343	µg/L	Y	U	U	N3B-2023-1342	CAPA-23-267934	GELC
R-19 S2	893.3	02/22/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tetryl	479-45-8	N	0.0916	39.4	—	—	—	0.0916	µg/L	Y	U	U	N3B-2023-1342	CAPA-23-267934	GELC
R-19 S2	893.3	02/22/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0916	590	—	—	—	0.0916	µg/L	Y	U	U	N3B-2023-1342	CAPA-23-267934	GELC
R-19 S2	893.3	02/22/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0916	9.8	—	—	—	0.0916	µg/L	Y	U	U	N3B-2023-1342	CAPA-23-267934	GELC
R-19 S2	893.3	02/22/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.343	—	—	—	—	0.343	µg/L	Y	U	U	N3B-2023-1342	CAPA-23-267934	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.23	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.24	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	0.725	—	—	—	—	0.725	mg/L	Y	U	U	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	0.725	—	—	—	—	0.725	mg/L	Y	U	U	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.8	—	72.9	—	—	0.725	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.6	—	72.9	—	—	0.725	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0155	—	—	0.00896	0.0478	—	pCi/L	Y	U	UJ	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0146	—	—	0.00812	0.0454	—	pCi/L	Y	U	UJ	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	—	0.017	mg/L	Y	U	UJ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	—	0.017	mg/L	Y	U	UJ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.53	10	—	—	—	2	µg/L	Y	J	J	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.38	10	—	—	—	2	µg/L	Y	J	J	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	17	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Barium	Ba	Y	17.1	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	12.4	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Calcium	Ca	Y	12.4	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.801	—	—	1.52	5.82	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.57	—	—	1.43	4.75	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.19	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-2	906.4	06/12/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.21	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.1	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.99	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.868	—	—	1.77	7.14	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.889	—	—	1.72	6.9	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	Y	10.9	1000	—	—	—	3	µg/L	Y	J	J	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Copper	Cu	Y	11.1	1000	—	—	—	3	µg/L	Y	J	J	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	UJ	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	UJ	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.494	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.499	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	-0.486	15	—	0.485	2.47	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.174	15	—	0.564	2.34	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	0.577	—	—	0.707	2.49	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	RAD	EPA:900.0	Gross beta	GROSSB	N	0.0618	—	—	0.685	2.55	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.2	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.4	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.23	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.27	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	Y	7.28	200	—	—	—	2	µg/L	Y	J	J	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Manganese	Mn	Y	7.16	200	—	—	—	2	µg/L	Y	J	J	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	2.08	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.92	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.0758	—	—	2.39	8.99	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.0413	—	—	2.59	9.46	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	4.06	200	2.9	—	—	0.6	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Nickel	Ni	Y	4.09	200	2.9	—	—	0.6	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.478	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.493	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.344	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.348	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.623	401	—	—	—	0.623	ng/L	Y	U	U	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.625	401	—	—	—	0.625	ng/L	Y	U	U	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	2.03	60	—	—	—	0.756	ng/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	1.95	60	—	—	—	0.758	ng/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	2.27	60	—	—	—	0.756	ng/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	2.29	60	—	—	—	0.758	ng/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00733	—	—	0.00733	0.0498	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0137	—	—	0.0107	0.056	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00488	—	—	0.00772	0.0514	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00824	—	—	0.00912	0.0578	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	0.962	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Potassium	K	Y	1.02	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-9.69	—	—	16.7	69.1	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-12.1	—	—	20.5	77.2	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.529	5	—	0.155	0.27	—	pCi/L	Y	—	U	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.213	5	—	0.128	0.408	—	pCi/L	Y	U	UJ	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.733	—	—	0.247	—	—	pCi/L	Y	J	U	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.31	—	—	0.178	—	—	pCi/L	Y	U	UJ	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.205	5	—	0.193	0.662	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.0967	5	—	0.124	0.444	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	83	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	83.4	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	11.8	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Sodium	Na	Y	11.9	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.55	—	—	1.48	6.45	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	2.17	—	—	1.5	6.47	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	142	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	140	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	61.8	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Strontium	Sr	Y	62	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.406	8	—	0.157	0.466	—	pCi/L	Y	U	UJ	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.186	8	—	0.0871	0.28	—	pCi/L	Y	U	UJ	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.58	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.61	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1.64	12000	—	—	—	1	µg/L	Y	J	U	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Tin	Sn	N	1.47	12000	—	—	—	1	µg/L	Y	J	U	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	130	1000	161	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	131	1000	161	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	U	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	U	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.393	—	—	—	—	0.33	mg/L	Y	J	J	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.431	—	—	—	—	0.33	mg/L	Y	J	J	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	—	—	0.02	mg/L	Y	U	U	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.024	—	—	—	—	0.02	mg/L	Y	J	U	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.194	30	1.19	—	—	0.067	µg/L	Y	J	J	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	0.19	30	1.19	—	—	0.067	µg/L	Y	J	J	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.201	27.2	0.715	0.0242	0.0555	—	pCi/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.165	27.2	0.715	0.0218	0.0515	—	pCi/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0169	28.8	—	0.00799	0.0529	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0104	28.8	—	0.00739	0.0491	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0569	30	0.336	0.0129	0.0533	—	pCi/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0801	30	0.336	0.0142	0.0494	—	pCi/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	7.01	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Vanadium	V	Y	7.03	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	36.5	10000	—	—	—	3.3	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Zinc	Zn	Y	37.5	10000	—	—	—	3.3	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.01	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	0.725	—	—	—	—	0.725	mg/L	Y	U	U	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	107	—	72.9	—	—	0.725	mg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00783	—	—	0.00942	0.0483	—	pCi/L	Y	U	UJ	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	—	0.017	mg/L	Y	U	UJ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.99	10	—	—	—	2	µg/L	Y	J	J	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	45	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	49.5	750	—	—	—	15	µg/L	Y	J	J	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0731	—	—	—	—	0.067	mg/L	Y	J	J+	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	20.8	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.847	—	—	1.9	7.53	—	pCi/L	Y	U	U	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.93	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.56	—	—	1.71	7.58	—	pCi/L	Y	U	U	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.322	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.822	15	—	0.574	1.91	—	pCi/L	Y	U	UJ	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	4.17	—	—	0.921	2.4	—	pCi/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	66.9	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-2990	CAPU-23-287734	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.67	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.89	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.65	—	—	2.78	8.95	—	pCi/L	Y	U	U	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	2.79	200	2.9	—	—	0.6	µg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.282	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.307	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.544	401	—	—	—	0.544	ng/L	Y	U	U	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.659	60	—	—	—	0.659	ng/L	Y	U	U	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.659	60	—	—	—	0.659	ng/L	Y	U	U	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00641	—	—	0.00932	0.0436	—	pCi/L	Y	U	U	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.015	—	—	0.0119	0.0449	—	pCi/L	Y	U	U	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	3.1	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-18.9	—	—	28.3	94.6	—	pCi/L	Y	U	U	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.522	5	—	0.15	0.321	—	pCi/L	Y	—	U	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	1.13	—	—	0.302	—	—	pCi/L	Y	J	UJ	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.608	5	—	0.263	0.79	—	pCi/L	Y	U	UJ	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	53	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	24	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.104	—	—	1.92	7.57	—	pCi/L	Y	U	U	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	252	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	119	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.243	8	—	0.128	0.49	—	pCi/L	Y	U	UJ	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.45	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	175	1000	161	—	—	2.38	mg/L	Y	—	J	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	UJ	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.024	—	—	—	—	0.02	mg/L	Y	J	J	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.35	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.797	27.2	0.715	0.0571	0.0543	—	pCi/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0193	28.8	—	0.0083	0.0518	—	pCi/L	Y	U	U	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.427	30	0.336	0.0376	0.0522	—	pCi/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	14.9	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	12.1	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2023-2990	CAPU-23-287734	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.39	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	0.725	—	—	—	—	0.725	mg/L	Y	U	U	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.2	—	72.9	—	—	0.725	mg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	—	—	0.00717	0.0354	—	pCi/L	Y	U	U	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	—	0.017	mg/L	Y	U	U	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.83	10	—	—	—	2	µg/L	Y	J	J	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	46.2	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	23.5	750	—	—	—	15	µg/L	Y	J	J	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	17.9	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.06	—	—	1.03	3.61	—	pCi/L	Y	U	U	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.09	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.12	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.93	—	—	1.06	3.9	—	pCi/L	Y	U	UJ	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.439	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.42	15	—	0.774	2.41	—	pCi/L	Y	U	UJ	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	2.4	—	—	0.848	2.55	—	pCi/L	Y	U	UJ	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.5	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	4.54	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.23	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.931	—	—	1.8	6.25	—	pCi/L	Y	U	U	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.614	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.5	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0163	—	—	0.0071	0.0416	—	pCi/L	Y	U	U	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00612	—	—	0.00613	0.0429	—	pCi/L	Y	U	U	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.13	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-47.2	—	—	21.6	54.4	—	pCi/L	Y	U	U	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.384	5	—	0.2	0.606	—	pCi/L	Y	U	UJ	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.31	—	—	0.37	—	—	pCi/L	Y	J	J	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.927	5	—	0.311	0.871	—	pCi/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	62.2	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	11.7	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.157	—	—	1.05	3.8	—	pCi/L	Y	U	U	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	188	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	107	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.308	8	—	0.125	0.397	—	pCi/L	Y	U	UJ	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.97	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	134	1000	161	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	UJ	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	—	—	0.02	mg/L	Y	U	U	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.858	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.523	27.2	0.715	0.0523	0.0832	—	pCi/L	Y	—	J	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0295	28.8	—	0.0127	0.0794	—	pCi/L	Y	U	UJ	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.266	30	0.336	0.0342	0.0799	—	pCi/L	Y	—	J	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	12.3	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	4.78	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2023-2850	CAPU-23-287736	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.498	—	—	—	—	0.498	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.489	—	—	—	—	0.489	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258648	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.498	—	—	—	—	0.498	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.489	—	—	—	—	0.489	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258648	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.299	—	—	—	—	0.299	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.293	—	—	—	—	0.293	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258648	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.292	535	—	—	—	0.292	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.283	535	—	—	—	0.283	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.292	—	—	—	—	0.292	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.283	—	—	—	—	0.283	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	2.99	14100	—	—	—	1.74	µg/L	Y	J	J	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.52	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.57	—	—	—	—	0.01	SU	Y	H	J	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.4	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	—	—	0.0144	0.0866	—	pCi/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0797	1.9	—	—	—	0.0797	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0782	1.9	—	—	—	0.0782	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258648	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0797	1.9	—	—	—	0.0797	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-31 S3	666.3	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0782	1.9	—	—	—	0.0782	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258648	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.055	—	—	—	—	0.017	mg/L	Y	—	U	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0221	—	—	—	—	0.017	mg/L	Y	J	J	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.09	130	—	—	—	4.09	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	3.96	130	—	—	—	3.96	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.292	1720	—	—	—	0.292	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.283	1720	—	—	—	0.283	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1016	12674-11-2	N	0.0333	0.5	—	—	—	0.0333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1221	11104-28-2	N	0.0333	0.5	—	—	—	0.0333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1232	11141-16-5	N	0.0333	0.5	—	—	—	0.0333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1242	53469-21-9	N	0.0333	0.5	—	—	—	0.0333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1248	12672-29-6	N	0.0333	0.5	—	—	—	0.0333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1254	11097-69-1	N	0.0333	0.5	—	—	—	0.0333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1260	11096-82-5	N	0.0333	0.5	—	—	—	0.0333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1262	37324-23-5	N	0.0333	0.5	—	—	—	0.0333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.3	10	—	—	—	2	µg/L	Y	J	J	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	2	10	—	—	—	2	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	2.92	3	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	2.83	3	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	2.92	1.2	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	2.83	1.2	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	38.1	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	37.8	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.8	0.00109	—	—	—	3.8	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.68	0.00109	—	—	—	3.68	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.292	0.12	—	—	—	0.292	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.283	0.12	—	—	—	0.283	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.292	0.2	—	—	—	0.292	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.283	0.2	—	—	—	0.283	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.292	0.343	—	—	—	0.292	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.283	0.343	—	—	—	0.283	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.292	—	—	—	—	0.292	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.283	—	—	—	—	0.283	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.292	3.43	—	—	—	0.292	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.283	3.43	—	—	—	0.283	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	5.84	75000	—	—	—	5.84	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	5.66	75000	—	—	—	5.66	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	2.92	2000	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	2.83	2000	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	2.92	59	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	2.83	59	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	2.92	0.137	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	2.83	0.137	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.292	6	—	—	—	0.292	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.283	6	—	—	—	0.283	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0682	—	—	—	—	0.067	mg/L	Y	J	J	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	2.92	—	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	2.83	—	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.292	160	—	—	—	0.292	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.283	160	—	—	—	0.283	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	9.12	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	9.04	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.96	—	—	1.67	3.86	—	pCi/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.05	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.84	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	0.187	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	7.3	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	2.92	1400	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	2.83	1400	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.21	3.7	—	—	—	3.21	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.11	3.7	—	—	—	3.11	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.399	733	—	—	—	0.399	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.386	733	—	—	—	0.386	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	2.92	91	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	2.83	91	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.92	—	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.83	—	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.292	34.3	—	—	—	0.292	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.283	34.3	—	—	—	0.283	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	Y	1.01	50	—	—	—	1	µg/L	Y	J	J	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.911	—	—	0.878	2.87	—	pCi/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	09/09/2022	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-3139	CAAN-22-258648	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.292	885	—	—	—	0.292	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.283	885	—	—	—	0.283	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.292	200	—	—	—	0.292	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.283	200	—	—	—	0.283	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.292	0.0343	—	—	—	0.292	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.283	0.0343	—	—	—	0.283	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	2.92	7.9	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	2.83	7.9	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	0.2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	0.05	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	2.92	600	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	2.83	600	—	—	—	2.83	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	600	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	2.92	—	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	2.83	—	—	—	—	2.83	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	2.92	75	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	2.83	75	—	—	—	2.83	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	75	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	2.92	1.25	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	2.83	1.25	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	25	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	—	—	0.667	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	2.92	45.3	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	2.83	45.3	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	370	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.292	14800	—	—	—	0.292	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.283	14800	—	—	—	0.283	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.292	612	—	—	—	0.292	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.283	612	—	—	—	0.283	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	2.92	354	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	2.83	354	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.92	1.52	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.83	1.52	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	Y	1.31	2	—	—	—	0.0797	µg/L	Y	—	R	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0782	2	—	—	—	0.0782	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258648	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	4.87	38.7	—	—	—	4.87	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	4.71	38.7	—	—	—	4.71	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	2.92	2.37	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0797	2.37	—	—	—	0.0797	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	2.83	2.37	—	—	—	2.83	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0782	2.37	—	—	—	0.0782	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258648	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	2.92	0.485	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0797	0.485	—	—	—	0.0797	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	2.83	0.485	—	—	—	2.83	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0782	0.485	—	—	—	0.0782	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258648	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	2.92	7	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	2.83	7	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.04	4.59	—	—	—	0.04	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	2.92	122	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	2.83	122	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.292	802	—	—	—	0.292	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.283	802	—	—	—	0.283	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.292	288	—	—	—	0.292	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.283	288	—	—	—	0.283	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.42	1.6	0.377	—	—	0.066	mg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.316	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	-1.23	15	—	0.524	2.75	—	pCi/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	-1.23	—	—	0.826	2.99	—	pCi/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	34.8	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	33.9	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	2.92	1	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	2.83	1	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	2.92	1.39	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	2.83	1.39	—	—	—	2.83	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	2.92	50	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	2.83	50	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	2.92	3.28	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	2.83	3.28	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	HMX	2691-41-0	Y	0.186	1000	—	—	—	0.0797	µg/L	Y	J	R	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	HMX	2691-41-0	N	0.0782	1000	—	—	—	0.0782	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258648	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.292	0.343	—	—	—	0.292	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.283	0.343	—	—	—	0.283	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	Y	1110	1000	—	—	—	30	µg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	Y	1290	1000	—	—	—	30	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.41	781	—	—	—	3.41	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.3	781	—	—	—	3.3	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	2.91	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	2.76	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	Y	102	200	—	—	—	2	µg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	Y	108	200	—	—	—	2	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	09/09/2022	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258648	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	1240	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.292	11.4	—	—	—	0.292	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.283	11.4	—	—	—	0.283	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.292	35.1	—	—	—	0.292	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.283	35.1	—	—	—	0.283	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	2.92	930	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	2.83	930	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.6	—	—	—	—	3.6	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.49	—	—	—	—	3.49	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.63	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.74	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.292	1.17	—	—	—	0.292	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.283	1.17	—	—	—	0.283	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.53	—	—	1.96	6.61	—	pCi/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	2.48	200	2.9	—	—	0.6	µg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	2.75	200	2.9	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.42	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.399	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	2.92	190	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	2.83	190	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	2.92	—	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	2.83	—	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	2.92	38	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	2.83	38	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.92	1.4	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.83	1.4	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrobenzene	98-95-3	Y	567	1.4	—	—	—	3.99	µg/L	N	—	R	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0782	1.4	—	—	—	0.0782	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258648	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	2.92	—	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	2.83	—	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	2.92	—	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	2.83	—	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.92	0.0273	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.83	0.0273	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.92	0.11	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.83	0.11	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	2.92	0.00167	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	2.83	0.00167	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	2.92	0.00491	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	2.83	0.00491	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	2.92	0.37	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	2.83	0.37	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0817	3.14	—	—	—	0.0817	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0801	3.14	—	—	—	0.0801	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258648	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0797	1.74	—	—	—	0.0797	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0782	1.74	—	—	—	0.0782	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258648	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.149	42.7	—	—	—	0.149	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.147	42.7	—	—	—	0.147	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258648	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.92	9.81	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.83	9.81	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	2.92	3.07	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	2.83	3.07	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	2.92	1	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	2.83	1	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.265	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.225	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	PETN	78-11-5	N	0.0996	170	—	—	—	0.0996	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	PETN	78-11-5	N	0.0977	170	—	—	—	0.0977	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258648	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.292	170	—	—	—	0.292	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.283	170	—	—	—	0.283	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	2.92	5	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	2.83	5	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00977	—	—	0.00649	0.0372	—	pCi/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0176	—	—	0.00808	0.0337	—	pCi/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	1.73	—	2.39	—	—	0.05	mg/L	Y	—	J+	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	1.54	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-27	—	—	17.1	54.7	—	pCi/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	2.92	250	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	2.83	250	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.292	117	—	—	—	0.292	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.283	117	—	—	—	0.283	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	2.92	20	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	2.83	20	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.556	5	—	0.214	0.559	—	pCi/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	1.3	—	—	0.35	—	—	pCi/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.741	5	—	0.276	0.792	—	pCi/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	RDX	121-82-4	Y	9.48	9.66	—	—	—	0.0797	µg/L	Y	—	R	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	RDX	121-82-4	N	0.0782	9.66	—	—	—	0.0782	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258648	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	65.4	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	66.3	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	10.7	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	10.3	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.09	—	—	0.987	2.65	—	pCi/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	114	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	122	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	44.6	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	43.8	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0505	8	—	0.11	0.375	—	pCi/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.08	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.04	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	2.92	20	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	2.83	20	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	TATB	3058-38-6	Y	0.414	—	—	—	—	0.299	µg/L	Y	J	R	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	TATB	3058-38-6	N	0.293	—	—	—	—	0.293	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258648	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.92	1.66	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.83	1.66	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	5.74	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	10	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.92	240	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.83	240	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tetryl	479-45-8	N	0.0797	39.4	—	—	—	0.0797	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tetryl	479-45-8	N	0.0782	39.4	—	—	—	0.0782	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258648	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	101	1000	161	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	110	1000	161	—	—	2.38	mg/L	Y	—	J	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	09/09/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.157	—	—	—	—	0.033	mg/L	Y	—	J	N3B-2022-3139	CAAN-22-258648	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	09/09/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-3139	CAAN-22-258648	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	—	—	0.02	mg/L	Y	U	U	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0698	—	—	—	—	0.02	mg/L	Y	—	U	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.98	55000	—	—	—	2.98	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	2.92	70	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	2.83	70	—	—	—	2.83	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	2.92	1170	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	2.83	1170	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	2.92	11.9	—	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	2.83	11.9	—	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	0.00835	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	56	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.5	60	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0797	590	—	—	—	0.0797	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0782	590	—	—	—	0.0782	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258648	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0797	9.8	—	—	—	0.0797	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0782	9.8	—	—	—	0.0782	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258648	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.299	—	—	—	—	0.299	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.293	—	—	—	—	0.293	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258648	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.288	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.317	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.22	27.2	0.715	0.0304	0.0793	—	pCi/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0459	28.8	—	0.0164	0.056	—	pCi/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.164	30	0.336	0.026	0.0804	—	pCi/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	2.11	63.1	11.4	—	—	1	µg/L	Y	J	J	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	1.73	63.1	11.4	—	—	1	µg/L	Y	J	J	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	193	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.5	193	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	35.5	10000	—	—	—	3.3	µg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	36.2	10000	—	—	—	3.3	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.491	—	—	—	—	0.491	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.485	—	—	—	—	0.485	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258650	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.485	—	—	—	—	0.485	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258652	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.491	—	—	—	—	0.491	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.485	—	—	—	—	0.485	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258650	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.485	—	—	—	—	0.485	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258652	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.295	—	—	—	—	0.295	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.291	—	—	—	—	0.291	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258650	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.291	—	—	—	—	0.291	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258652	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.3	535	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	2.7	14100	—	—	—	1.74	µg/L	Y	J	J	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.15	—	—	—	—	0.01	SU	Y	H	J	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.16	—	—	—	—	0.01	SU	Y	H	J	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.2	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.8	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00502	—	—	0.00794	0.0356	—	pCi/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0786	1.9	—	—	—	0.0786	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0776	1.9	—	—	—	0.0776	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258650	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0776	1.9	—	—	—	0.0776	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258652	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0786	1.9	—	—	—	0.0786	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0776	1.9	—	—	—	0.0776	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258650	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0776	1.9	—	—	—	0.0776	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258652	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.085	—	—	—	—	0.085	mg/L	Y	U	UJ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	—	0.017	mg/L	Y	U	U	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	—	0.017	mg/L	Y	U	U	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.2	130	—	—	—	4.2	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.3	1720	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1016	12674-11-2	N	0.0333	0.5	—	—	—	0.0333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1221	11104-28-2	N	0.0333	0.5	—	—	—	0.0333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1232	11141-16-5	N	0.0333	0.5	—	—	—	0.0333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1242	53469-21-9	N	0.0333	0.5	—	—	—	0.0333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1248	12672-29-6	N	0.0333	0.5	—	—	—	0.0333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1254	11097-69-1	N	0.0333	0.5	—	—	—	0.0333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1260	11096-82-5	N	0.0333	0.5	—	—	—	0.0333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1262	37324-23-5	N	0.0333	0.5	—	—	—	0.0333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	2	10	—	—	—	2	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	2	10	—	—	—	2	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.06	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3	3	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3	1.2	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	35.5	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	33.5	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Barium	Ba	Y	34.5	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.9	0.00109	—	—	—	3.9	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.3	0.12	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.3	0.2	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.3	0.343	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.3	3.43	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	6	75000	—	—	—	6	µg/L	Y	U	UJ	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3	2000	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3	59	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	3	0.137	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.3	6	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-3139	CAAN-22-258651	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.3	160	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	8.22	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	8.22	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Calcium	Ca	Y	8.45	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.421	—	—	0.866	2.89	—	pCi/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.75	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.76	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.75	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	0.187	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	7.3	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3	1400	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.3	3.7	—	—	—	3.3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.41	733	—	—	—	0.41	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3	91	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.02	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.3	34.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.228	—	—	0.826	3.22	—	pCi/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-3139	CAAN-22-258650	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-3139	CAAN-22-258652	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.3	885	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.3	200	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.3	0.0343	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3	7.9	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	0.2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	0.05	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	600	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3	600	—	—	—	3	µg/L	N	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3	—	—	—	—	3	µg/L	N	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3	75	—	—	—	3	µg/L	N	U	U	N3B-2023-1447	CAAN-23-271885	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	75	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3	1.25	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	25	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	—	—	0.667	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3	45.3	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	370	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.3	14800	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.3	612	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3	354	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3	1.52	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0786	2	—	—	—	0.0786	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0776	2	—	—	—	0.0776	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258650	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0776	2	—	—	—	0.0776	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258652	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5	38.7	—	—	—	5	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3	2.37	—	—	—	3	µg/L	N	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0786	2.37	—	—	—	0.0786	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0776	2.37	—	—	—	0.0776	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258650	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0776	2.37	—	—	—	0.0776	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258652	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3	0.485	—	—	—	3	µg/L	N	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0786	0.485	—	—	—	0.0786	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0776	0.485	—	—	—	0.0776	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258650	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0776	0.485	—	—	—	0.0776	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258652	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3	7	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.04	4.59	—	—	—	0.04	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3	122	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.3	802	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.3	288	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.259	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.25	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.257	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.156	15	—	0.72	2.96	—	pCi/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	1.18	—	—	0.786	2.62	—	pCi/L	Y	U	UJ	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	30.2	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	30	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	30.9	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3	1.39	—	—	—	3	µg/L	N	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3	3.28	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	HMX	2691-41-0	N	0.0786	1000	—	—	—	0.0786	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	HMX	2691-41-0	N	0.0776	1000	—	—	—	0.0776	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258650	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	HMX	2691-41-0	N	0.0776	1000	—	—	—	0.0776	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258652	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.3	0.343	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.5	781	—	—	—	3.5	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	Y	1.45	15	—	—	—	0.5	µg/L	Y	J	J	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	2.35	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	2.31	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	2.38	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	FD	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258652	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258650	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	1240	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.95	5	—	—	—	0.5	µg/L	Y	J	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.3	11.4	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.3	35.1	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3	930	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	—	—	—	3.7	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.27	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.22	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.14	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.3	1.17	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.443	—	—	1.49	5.49	—	pCi/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.372	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.347	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.345	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3	190	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3	38	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3	1.4	—	—	—	3	µg/L	N	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrobenzene	98-95-3	Y	0.754	1.4	—	—	—	0.0786	µg/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0776	1.4	—	—	—	0.0776	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258650	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0776	1.4	—	—	—	0.0776	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258652	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	3	0.0273	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	3	0.11	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3	0.00167	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3	0.00491	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3	0.37	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0805	3.14	—	—	—	0.0805	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0795	3.14	—	—	—	0.0795	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258650	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0796	3.14	—	—	—	0.0796	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258652	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0786	1.74	—	—	—	0.0786	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0776	1.74	—	—	—	0.0776	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258650	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0776	1.74	—	—	—	0.0776	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258652	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.147	42.7	—	—	—	0.147	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.145	42.7	—	—	—	0.145	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258650	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.146	42.7	—	—	—	0.146	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258652	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3	9.81	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3	3.07	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.287	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.218	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.221	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	PETN	78-11-5	N	0.0982	170	—	—	—	0.0982	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	PETN	78-11-5	N	0.097	170	—	—	—	0.097	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258650	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	PETN	78-11-5	N	0.097	170	—	—	—	0.097	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258652	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.3	170	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3	5	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0132	—	—	0.00526	0.0302	—	pCi/L	Y	U	UJ	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00165	—	—	0.00549	0.0334	—	pCi/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	3.29	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	3.15	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Potassium	K	Y	3.26	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-32.4	—	—	15.6	40.9	—	pCi/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3	250	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.3	117	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.734	5	—	0.296	0.685	—	pCi/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.734	—	—	0.35	—	—	pCi/L	Y	J	J	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.439	5	—	0.188	0.763	—	pCi/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	RDX	121-82-4	N	0.0786	9.66	—	—	—	0.0786	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	RDX	121-82-4	N	0.0776	9.66	—	—	—	0.0776	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258650	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	RDX	121-82-4	N	0.0776	9.66	—	—	—	0.0776	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258652	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	79.2	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	79.3	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	81.5	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	10.3	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	10.3	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Sodium	Na	Y	10.6	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.88	—	—	1.03	2.82	—	pCi/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	122	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	121	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	121	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	43.1	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	41.8	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Strontium	Sr	Y	43.1	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0235	8	—	0.141	0.48	—	pCi/L	Y	U	UJ	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.53	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.48	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.49	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	TATB	3058-38-6	N	0.295	—	—	—	—	0.295	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	TATB	3058-38-6	N	0.291	—	—	—	—	0.291	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258650	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	TATB	3058-38-6	N	0.291	—	—	—	—	0.291	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258652	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3	1.66	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	5.74	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	10	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3	240	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tetryl	479-45-8	N	0.0786	39.4	—	—	—	0.0786	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tetryl	479-45-8	N	0.0776	39.4	—	—	—	0.0776	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258650	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tetryl	479-45-8	N	0.0776	39.4	—	—	—	0.0776	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258652	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258653	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	121	1000	161	—	—	2.38	mg/L	Y	—	J	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	108	1000	161	—	—	2.38	mg/L	Y	—	J	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	107	1000	161	—	—	2.38	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	UJ	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.248	—	—	—	—	0.033	mg/L	Y	—	J	N3B-2022-3139	CAAN-22-258650	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	UJ	N3B-2022-3139	CAAN-22-258652	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-3139	CAAN-22-258650	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-3139	CAAN-22-258652	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.024	—	—	—	—	0.02	mg/L	Y	J	J	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0914	—	—	—	—	0.02	mg/L	Y	—	U	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0934	—	—	—	—	0.02	mg/L	Y	—	U	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.98	55000	—	—	—	2.98	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3	70	—	—	—	3	µg/L	N	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3	1170	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	3	11.9	—	—	—	3	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	0.00835	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	56	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.5	60	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0786	590	—	—	—	0.0786	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0776	590	—	—	—	0.0776	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258650	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0776	590	—	—	—	0.0776	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258652	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0786	9.8	—	—	—	0.0786	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0776	9.8	—	—	—	0.0776	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258650	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0776	9.8	—	—	—	0.0776	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258652	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.295	—	—	—	—	0.295	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.291	—	—	—	—	0.291	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258650	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.291	—	—	—	—	0.291	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258652	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	N	0.265	30	1.19	—	—	0.067	µg/L	Y	—	U	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.235	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	0.237	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.15	27.2	0.715	0.0215	0.049	—	pCi/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0261	28.8	—	0.00913	0.0402	—	pCi/L	Y	U	UJ	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.144	30	0.336	0.0196	0.0408	—	pCi/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	6.33	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	5.91	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Vanadium	V	Y	6.34	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	193	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.5	193	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	3.62	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	N	3.3	10000	—	—	—	3.3	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Zinc	Zn	Y	3.35	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-3139	CAAN-22-258653	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.39	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.8	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0272	—	—	0.021	0.0642	—	pCi/L	Y	U	U	N3B-2023-331	CAMO-23-261124	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0348	—	—	—	—	0.017	mg/L	Y	J	U	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.08	10	—	—	—	2	µg/L	Y	J	J	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	21.3	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	15.1	750	—	—	—	15	µg/L	Y	J	J	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	13.9	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-331	CAMO-23-261125	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-34	883.7	11/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.77	—	—	1.26	4.94	—	pCi/L	Y	U	U	N3B-2023-331	CAMO-23-261124	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.86	250	2.7	—	—	0.067	mg/L	Y	—	J+	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.54	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1.56	50	—	—	—	1	µg/L	Y	J	U	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.45	—	—	1.03	3.26	—	pCi/L	Y	U	U	N3B-2023-331	CAMO-23-261124	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-331	CAMO-23-261124	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.248	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	-0.563	15	—	0.402	2.58	—	pCi/L	Y	U	U	N3B-2023-331	CAMO-23-261124	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	0.607	—	—	0.575	1.99	—	pCi/L	Y	U	U	N3B-2023-331	CAMO-23-261124	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48.5	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.34	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-331	CAMO-23-261124	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	N	0.93	1000	2.5	—	—	0.2	µg/L	Y	J	U	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.583	—	—	2.68	8.26	—	pCi/L	Y	U	U	N3B-2023-331	CAMO-23-261124	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.474	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.268	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00936	—	—	0.00699	0.0625	—	pCi/L	Y	U	U	N3B-2023-331	CAMO-23-261124	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.025	—	—	0.0109	0.0649	—	pCi/L	Y	U	U	N3B-2023-331	CAMO-23-261124	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	1.75	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-4.63	—	—	17.1	67.1	—	pCi/L	Y	U	UJ	N3B-2023-331	CAMO-23-261124	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0925	5	—	0.111	0.413	—	pCi/L	Y	U	U	N3B-2023-331	CAMO-23-261124	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.58	—	—	0.223	—	—	pCi/L	Y	U	UJ	N3B-2023-331	CAMO-23-261124	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.488	5	—	0.194	0.55	—	pCi/L	Y	U	UJ	N3B-2023-331	CAMO-23-261124	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	65	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	10.3	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0814	—	—	0.712	3.27	—	pCi/L	Y	U	U	N3B-2023-331	CAMO-23-261124	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	164	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	55.6	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0271	8	—	0.102	0.348	—	pCi/L	Y	U	U	N3B-2023-331	CAMO-23-261124	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.95	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	129	1000	161	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	U	N3B-2023-331	CAMO-23-261124	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2023-331	CAMO-23-261124	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.274	—	—	—	—	0.02	mg/L	Y	—	U	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.498	30	1.19	—	—	0.067	µg/L	Y	—	J+	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.358	27.2	0.715	0.0321	0.0471	—	pCi/L	Y	—	NQ	N3B-2023-331	CAMO-23-261124	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00739	28.8	—	0.0074	0.037	—	pCi/L	Y	U	U	N3B-2023-331	CAMO-23-261124	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.163	30	0.336	0.0202	0.045	—	pCi/L	Y	—	NQ	N3B-2023-331	CAMO-23-261124	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	6.42	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	4.72	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2023-331	CAMO-23-261125	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.96	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	0.725	—	—	—	—	0.725	mg/L	Y	U	U	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	155	—	62	—	—	0.725	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00703	—	—	0.0233	0.13	—	pCi/L	Y	U	UJ	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.027	—	—	—	—	0.017	mg/L	Y	J	J-	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	2	10	—	—	—	2	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	97.5	2000	13.5	—	—	1	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	172	750	—	—	—	15	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.132	—	—	—	—	0.067	mg/L	Y	J	J	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	55.6	—	10.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.08	—	—	1.06	4.38	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287723	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-3i	215.2	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	45.6	250	3.11	—	—	0.67	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.739	—	—	1.32	5.67	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	UJ	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.434	1.6	0.234	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	Y	5.17	15	—	1.27	2.62	—	pCi/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	6.71	—	—	1.12	2.61	—	pCi/L	Y	—	J+	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	202	—	37.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	15.3	—	3.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.927	1000	2.9	—	—	0.2	µg/L	Y	J	J	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.99	—	—	2.88	10	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	6.32	200	3.65	—	—	0.6	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.58	10	0.459	—	—	0.17	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	1.58	13.8	0.27	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	16.7	401	—	—	—	0.574	ng/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	22	60	—	—	—	0.696	ng/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	46	60	—	—	—	0.696	ng/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00536	—	—	0.00657	0.0547	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00268	—	—	0.0071	0.0564	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	5.36	—	2.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	4.33	—	—	20.1	82	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	1.93	5	—	0.348	0.255	—	pCi/L	Y	—	U	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	2.24	—	—	0.379	—	—	pCi/L	Y	J	U	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.308	5	—	0.15	0.456	—	pCi/L	Y	U	UJ	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	49.5	—	75	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	23.7	—	18.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.2	—	—	1.47	4.58	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	536	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	267	11800	59.6	—	—	1	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.211	8	—	0.127	0.415	—	pCi/L	Y	U	UJ	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	29	600	7.1	—	—	1.33	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1.54	12000	—	—	—	1	µg/L	Y	J	U	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	300	1000	—	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	U	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.712	—	—	—	—	0.33	mg/L	Y	J	J	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	—	—	0.02	mg/L	Y	U	U	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	6.94	30	0.992	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	3.28	27.2	0.477	0.193	0.0711	—	pCi/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.148	28.8	—	0.0253	0.0678	—	pCi/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	2.25	30	0.201	0.14	0.0683	—	pCi/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	3.78	63.1	9.29	—	—	1	µg/L	Y	J	J	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	4.41	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2023-3029	CAPU-23-287724	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.47	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	3	—	—	—	—	0.725	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.9	—	72.9	—	—	0.725	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0146	—	—	0.0127	0.0473	—	pCi/L	Y	U	UJ	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	—	0.017	mg/L	Y	U	UJ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.7	10	—	—	—	2	µg/L	Y	J	J	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	41.8	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	26.2	750	—	—	—	15	µg/L	Y	J	J	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287738	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	20.8	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.134	—	—	1.14	4.3	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.01	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.24	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0506	—	—	1.05	3.9	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	UJ	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.909	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.24	15	—	0.645	1.9	—	pCi/L	Y	U	UJ	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	3.13	—	—	0.9	2.58	—	pCi/L	Y	—	U	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.7	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	4.09	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	2.01	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.34	—	—	1.93	7.41	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	0.666	200	2.9	—	—	0.6	µg/L	Y	J	J	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.52	10	0.769	—	—	0.085	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	2.95	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	—	—	0.00689	0.0376	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0147	—	—	0.00736	0.0387	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.75	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	8.48	—	—	15.4	38.7	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.342	5	—	0.115	0.238	—	pCi/L	Y	—	U	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.531	—	—	0.233	—	—	pCi/L	Y	J	U	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.189	5	—	0.202	0.696	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	73.2	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	12.9	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.697	—	—	1.25	4.31	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	194	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	96.1	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.259	8	—	0.105	0.335	—	pCi/L	Y	U	UJ	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.64	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1.43	12000	—	—	—	1	µg/L	Y	J	U	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163	1000	161	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	U	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	—	—	0.02	mg/L	Y	U	U	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.999	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.821	27.2	0.715	0.0707	0.0822	—	pCi/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0215	28.8	—	0.0142	0.0785	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.316	30	0.336	0.0386	0.0789	—	pCi/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	7.58	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	N	3.3	10000	—	—	—	3.3	µg/L	Y	U	U	N3B-2023-3029	CAPU-23-287738	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	2.48	14100	—	—	—	1.74	µg/L	Y	BJ	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.78	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	121	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00116	—	—	0.00724	0.0627	—	pCi/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0322	—	—	—	—	0.017	mg/L	Y	J	U	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.68	10	—	—	—	2	µg/L	Y	J	J	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	105	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	31.1	750	—	—	—	15	µg/L	Y	J	J	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	36.1	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.841	—	—	1.36	4.79	—	pCi/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.51	250	2.7	—	—	0.067	mg/L	Y	—	J+	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	0.187	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	7.3	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.639	—	—	1.23	4.6	—	pCi/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	0.2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	0.05	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	600	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	75	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	25	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	—	—	0.667	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	370	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.665	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	Y	9.88	15	—	1.87	2.83	—	pCi/L	Y	—	NQ	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	15.5	—	—	1.44	2.17	—	pCi/L	Y	—	J+	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	98.3	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	Y	256	1000	—	—	—	30	µg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	1.97	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	Y	125	200	—	—	—	2	µg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	1240	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.91	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.33	—	—	2.3	8.74	—	pCi/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.085	10	0.769	—	—	0.085	mg/L	Y	U	U	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	N	0.05	13.8	0.414	—	—	0.05	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0201	—	—	0.0118	0.0576	—	pCi/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0115	—	—	0.0115	0.0608	—	pCi/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.15	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	5.03	—	—	18.4	73.8	—	pCi/L	Y	U	UJ	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	1.12	5	—	0.267	0.512	—	pCi/L	Y	—	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.78	—	—	0.344	—	—	pCi/L	Y	—	NQ	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.653	5	—	0.216	0.593	—	pCi/L	Y	—	NQ	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	51.1	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	23	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.636	—	—	0.894	3.37	—	pCi/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	254	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	426	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.127	8	—	0.107	0.353	—	pCi/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	5.74	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	10	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	210	1000	161	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.116	—	—	—	—	0.033	mg/L	Y	—	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.497	—	—	—	—	0.33	mg/L	Y	J	J	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0808	—	—	—	—	0.02	mg/L	Y	—	U	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.98	55000	—	—	—	2.98	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	0.00835	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	56	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.5	60	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.631	20000	—	0.973	2.858	—	pCi/L	Y	U	UJ	N3B-2023-136	CAWR-23-259041	ARSL
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.726	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.491	27.2	0.715	0.0463	0.0524	—	pCi/L	Y	—	NQ	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0163	28.8	—	0.0134	0.0511	—	pCi/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.281	30	0.336	0.0334	0.0551	—	pCi/L	Y	—	NQ	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	7.59	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	193	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.5	193	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	7.37	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2023-116	CAWR-23-259042	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.509	—	—	—	—	0.509	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.509	—	—	—	—	0.509	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.306	—	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.09	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	96.2	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	—	—	0.0142	0.0809	—	pCi/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0815	1.9	—	—	—	0.0815	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0815	1.9	—	—	—	0.0815	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	—	0.017	mg/L	Y	U	UJ	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1016	12674-11-2	N	0.0338	0.5	—	—	—	0.0338	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1221	11104-28-2	N	0.0338	0.5	—	—	—	0.0338	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1232	11141-16-5	N	0.0338	0.5	—	—	—	0.0338	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1242	53469-21-9	N	0.0338	0.5	—	—	—	0.0338	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1248	12672-29-6	N	0.0338	0.5	—	—	—	0.0338	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1254	11097-69-1	N	0.0338	0.5	—	—	—	0.0338	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1260	11096-82-5	N	0.0338	0.5	—	—	—	0.0338	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1262	37324-23-5	N	0.0338	0.5	—	—	—	0.0338	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	5.11	10	—	—	—	2	µg/L	Y	—	NQ	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	20.8	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	42.3	750	—	—	—	15	µg/L	Y	J	J	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	13.7	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.87	—	—	2.04	7.29	—	pCi/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.12	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	0.187	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	7.3	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.35	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.384	—	—	1.31	5.18	—	pCi/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	0.2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	0.05	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	600	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC

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Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	75	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	25	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	—	—	0.667	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	370	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0815	2	—	—	—	0.0815	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0815	2.37	—	—	—	0.0815	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0815	0.485	—	—	—	0.0815	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.547	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	2.3	15	—	0.977	2.66	—	pCi/L	Y	U	UJ	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	5.39	—	—	1.02	2.53	—	pCi/L	Y	—	NQ	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37.8	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	HMX	2691-41-0	N	0.0815	1000	—	—	—	0.0815	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	0.898	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	1240	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.82	5	—	—	—	0.5	µg/L	Y	J	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	2.71	1000	2.5	—	—	0.2	µg/L	Y	—	J+	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.305	—	—	2.37	8.68	—	pCi/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.439	10	0.769	—	—	0.085	mg/L	Y	—	J+	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0815	1.4	—	—	—	0.0815	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0835	3.14	—	—	—	0.0835	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0815	1.74	—	—	—	0.0815	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.153	42.7	—	—	—	0.153	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.268	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	PETN	78-11-5	N	0.102	170	—	—	—	0.102	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00853	—	—	0.0181	0.0856	—	pCi/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.017	—	—	0.0135	0.0905	—	pCi/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.13	—	2.39	—	—	0.05	mg/L	Y	—	J+	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-20.2	—	—	22.1	77.6	—	pCi/L	Y	U	UJ	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.616	5	—	0.22	0.59	—	pCi/L	Y	—	J+	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.616	—	—	0.319	—	—	pCi/L	Y	J	J	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.16	5	—	0.231	0.882	—	pCi/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	RDX	121-82-4	N	0.0815	9.66	—	—	—	0.0815	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259049	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	30.5	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	27.5	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.29	—	—	1.43	6.15	—	pCi/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	205	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	191	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0124	8	—	0.117	0.397	—	pCi/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.62	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	TATB	3058-38-6	N	0.306	—	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	5.74	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	10	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tetryl	479-45-8	N	0.0815	39.4	—	—	—	0.0815	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136	1000	161	—	—	2.38	mg/L	Y	—	J	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.52	—	—	—	—	0.033	mg/L	Y	—	J+	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.395	—	—	—	—	0.33	mg/L	Y	J	J	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0813	—	—	—	—	0.02	mg/L	Y	—	U	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.98	55000	—	—	—	2.98	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	0.00835	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	56	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.5	60	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0815	590	—	—	—	0.0815	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0815	9.8	—	—	—	0.0815	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.306	—	—	—	—	0.306	µg/L	Y	U	UJ	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.709	20000	—	0.858	2.841	—	pCi/L	Y	U	UJ	N3B-2023-136	CAWR-23-259048	ARSL
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	2.12	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.46	27.2	0.715	0.105	0.0633	—	pCi/L	Y	—	NQ	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0352	28.8	—	0.0169	0.062	—	pCi/L	Y	U	UJ	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.784	30	0.336	0.0665	0.0666	—	pCi/L	Y	—	NQ	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	16.8	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	193	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.5	193	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	N	3.3	10000	—	—	—	3.3	µg/L	Y	U	U	N3B-2023-88	CAWR-23-259049	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	2.52	14100	—	—	—	1.74	µg/L	Y	J	J	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.29	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	132	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	UN	UJ	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00214	—	—	0.00371	0.0357	—	pCi/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.029	—	—	—	—	0.017	mg/L	Y	J	U	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	9.55	10	—	—	—	2	µg/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	26.2	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	48.1	750	—	—	—	15	µg/L	Y	J	J	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	16	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.969	—	—	2.25	6.21	—	pCi/L	Y	U	UJ	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.24	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	0.187	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	7.3	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.03	—	—	1.88	5.67	—	pCi/L	Y	U	UJ	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	0.2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	0.05	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	600	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	75	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	25	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	—	—	0.667	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	370	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.596	1.6	0.377	—	—	0.033	mg/L	Y	—	J	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	Y	4.12	15	—	1.09	2.82	—	pCi/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	5.74	—	—	0.579	1.7	—	pCi/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.3	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	Y	35.6	1000	—	—	—	30	µg/L	Y	J	J	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	0.807	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	Y	5.84	200	—	—	—	2	µg/L	Y	J	J	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280132	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	1240	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	1.12	5	—	—	—	0.5	µg/L	Y	BJ	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	3.75	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.282	—	—	2.3	8.02	—	pCi/L	Y	U	UJ	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.017	10	0.769	—	—	0.017	mg/L	Y	U	U	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.077	13.8	0.414	—	—	0.05	µg/L	Y	J	J	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.602	401	—	—	—	0.602	ng/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.73	60	—	—	—	0.73	ng/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.73	60	—	—	—	0.73	ng/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0108	—	—	0.00778	0.0476	—	pCi/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00431	—	—	0.00963	0.0413	—	pCi/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	1.5	—	2.39	—	—	0.05	mg/L	Y	—	J+	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-11.8	—	—	23.5	64.8	—	pCi/L	Y	U	UJ	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.826	5	—	0.262	0.553	—	pCi/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.839	—	—	0.308	—	—	pCi/L	Y	J	J	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0129	5	—	0.162	0.618	—	pCi/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	31.1	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	44.5	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.03	—	—	1.36	4.68	—	pCi/L	Y	U	UJ	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	283	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	176	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.157	8	—	0.108	0.469	—	pCi/L	Y	U	UJ	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.72	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	5.74	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	10	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163	1000	161	—	—	2.38	mg/L	Y	—	J	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.161	—	—	—	—	0.033	mg/L	Y	—	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	1.06	—	—	—	—	0.33	mg/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	—	—	0.02	mg/L	Y	U	U	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.98	55000	—	—	—	2.98	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	0.00835	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	56	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.5	60	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	5.23	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	2.86	27.2	0.715	0.161	0.0565	—	pCi/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.104	28.8	—	0.0186	0.0483	—	pCi/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	1.74	30	0.336	0.106	0.0387	—	pCi/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	34.6	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	193	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.5	193	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	N	3.3	10000	—	—	—	3.3	µg/L	Y	U	U	N3B-2023-2082	CAWR-23-280132	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.53	—	—	—	—	0.53	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.53	—	—	—	—	0.53	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.318	—	—	—	—	0.318	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.317	535	—	—	—	0.317	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.317	—	—	—	—	0.317	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	1.91	14100	—	—	—	1.74	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.2	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0046	—	—	0.00801	0.0599	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0848	1.9	—	—	—	0.0848	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0848	1.9	—	—	—	0.0848	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0475	—	—	—	—	0.017	mg/L	Y	J	J	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.44	130	—	—	—	4.44	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.317	1720	—	—	—	0.317	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1016	12674-11-2	N	0.0382	0.5	—	—	—	0.0382	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1221	11104-28-2	N	0.0382	0.5	—	—	—	0.0382	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1232	11141-16-5	N	0.0382	0.5	—	—	—	0.0382	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1242	53469-21-9	N	0.0382	0.5	—	—	—	0.0382	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1248	12672-29-6	N	0.0382	0.5	—	—	—	0.0382	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1254	11097-69-1	N	0.0382	0.5	—	—	—	0.0382	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1260	11096-82-5	N	0.0382	0.5	—	—	—	0.0382	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1262	37324-23-5	N	0.0382	0.5	—	—	—	0.0382	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	4.14	10	—	—	—	2	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3.17	3	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3.17	1.2	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	42.4	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	4.12	0.00109	—	—	—	4.12	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.317	0.12	—	—	—	0.317	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.317	0.2	—	—	—	0.317	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.317	0.343	—	—	—	0.317	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.317	—	—	—	—	0.317	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.317	3.43	—	—	—	0.317	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	6.35	75000	—	—	—	6.35	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3.17	2000	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3.17	59	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	3.17	0.137	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.317	6	—	—	—	0.317	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	22.8	750	—	—	—	15	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3.17	—	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.317	160	—	—	—	0.317	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	20.5	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0593	—	—	0.993	3.86	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.01	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	0.187	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	7.3	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3.17	1400	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.49	3.7	—	—	—	3.49	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.434	733	—	—	—	0.434	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3.17	91	—	—	—	3.17	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.17	—	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.89	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.317	34.3	—	—	—	0.317	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	Y	1.36	50	—	—	—	1	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.699	—	—	0.995	4.21	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.317	885	—	—	—	0.317	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.317	200	—	—	—	0.317	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.317	0.0343	—	—	—	0.317	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3.17	7.9	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	0.2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	0.05	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	600	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3.17	600	—	—	—	3.17	µg/L	N	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3.17	—	—	—	—	3.17	µg/L	N	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	75	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3.17	75	—	—	—	3.17	µg/L	N	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3.17	1.25	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	25	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	—	—	0.667	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3.17	45.3	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	370	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.317	14800	—	—	—	0.317	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.317	612	—	—	—	0.317	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3.17	354	—	—	—	3.17	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.17	1.52	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0848	2	—	—	—	0.0848	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5.29	38.7	—	—	—	5.29	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3.17	2.37	—	—	—	3.17	µg/L	N	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0848	2.37	—	—	—	0.0848	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3.17	0.485	—	—	—	3.17	µg/L	N	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0848	0.485	—	—	—	0.0848	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3.17	7	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3.17	4.59	—	—	—	3.17	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	4.59	—	—	—	0.1	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3.17	122	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.317	802	—	—	—	0.317	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.317	288	—	—	—	0.317	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.468	1.6	0.377	—	—	0.033	mg/L	Y	—	J	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.48	15	—	0.891	2.86	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	3.61	—	—	0.956	2.71	—	pCi/L	Y	—	NQ	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.5	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	35822-46-9	N	0.00000532	—	—	—	—	0.0000193	µg/L	Y	U	U	N3B-2023-90	CAWR-23-259063	CFA
Spring 3	—	10/03/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Heptachlorodibenzodioxins (Total)	37871-00-4	N	0	—	—	—	—	0.0000193	µg/L	Y	U	U	N3B-2023-90	CAWR-23-259063	CFA
Spring 3	—	10/03/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	67562-39-4	N	0.00000532	—	—	—	—	0.0000153	µg/L	Y	U	U	N3B-2023-90	CAWR-23-259063	CFA
Spring 3	—	10/03/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	55673-89-7	N	0.00000532	—	—	—	—	0.0000186	µg/L	Y	U	U	N3B-2023-90	CAWR-23-259063	CFA
Spring 3	—	10/03/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Heptachlorodibenzofurans (Total)	38998-75-3	N	0	—	—	—	—	0.0000153	µg/L	Y	U	U	N3B-2023-90	CAWR-23-259063	CFA
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3.17	1	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3.17	1.39	—	—	—	3.17	µg/L	N	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3.17	50	—	—	—	3.17	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	39227-28-6	N	0.00000532	—	—	—	—	0.0000253	µg/L	Y	U	U	N3B-2023-90	CAWR-23-259063	CFA
Spring 3	—	10/03/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	57653-85-7	N	0.00000532	—	—	—	—	0.0000174	µg/L	Y	U	U	N3B-2023-90	CAWR-23-259063	CFA
Spring 3	—	10/03/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	19408-74-3	N	0.00000532	—	—	—	—	0.0000217	µg/L	Y	U	U	N3B-2023-90	CAWR-23-259063	CFA
Spring 3	—	10/03/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Hexachlorodibenzodioxins (Total)	34465-46-8	N	0	0.00013	—	—	—	0.0000174	µg/L	Y	U	U	N3B-2023-90	CAWR-23-259063	CFA
Spring 3	—	10/03/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Hexachlorodibenzofuran[1,2,3,4,7,8-]	70648-26-9	N	0.00000532	—	—	—	—	0.0000211	µg/L	Y	U	U	N3B-2023-90	CAWR-23-259063	CFA
Spring 3	—	10/03/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Hexachlorodibenzofuran[1,2,3,6,7,8-]	57117-44-9	N	0.00000532	—	—	—	—	0.0000162	µg/L	Y	U	U	N3B-2023-90	CAWR-23-259063	CFA
Spring 3	—	10/03/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Hexachlorodibenzofuran[1,2,3,7,8,9-]	72918-21-9	N	0.00000532	—	—	—	—	0.0000237	µg/L	Y	U	U	N3B-2023-90	CAWR-23-259063	CFA
Spring 3	—	10/03/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Hexachlorodibenzofuran[2,3,4,6,7,8-]	60851-34-5	N	0.00000532	—	—	—	—	0.0000162	µg/L	Y	U	U	N3B-2023-90	CAWR-23-259063	CFA
Spring 3	—	10/03/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Hexachlorodibenzofurans (Total)	55684-94-1	N	0	—	—	—	—	0.0000162	µg/L	Y	U	U	N3B-2023-90	CAWR-23-259063	CFA
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3.17	3.28	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	HMX	2691-41-0	N	0.0848	1000	—	—	—	0.0848	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.317	0.343	—	—	—	0.317	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.7	781	—	—	—	3.7	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	1.81	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	1240	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.317	11.4	—	—	—	0.317	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.317	35.1	—	—	—	0.317	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3.17	930	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.91	—	—	—	—	3.91	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.18	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.317	1.17	—	—	—	0.317	µg/L	N	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.49	—	—	2.15	7.71	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.21	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3.17	190	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3.17	—	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3.17	38	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3.17	1.4	—	—	—	3.17	µg/L	N	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0848	1.4	—	—	—	0.0848	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3.17	—	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3.17	—	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.17	0.0273	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.17	0.11	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3.17	0.00167	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3.17	0.00491	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3.17	0.37	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.087	3.14	—	—	—	0.087	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0848	1.74	—	—	—	0.0848	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.159	42.7	—	—	—	0.159	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3268-87-9	N	0.0000106	—	—	—	—	0.0000354	µg/L	Y	U	U	N3B-2023-90	CAWR-23-259063	CFA
Spring 3	—	10/03/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	39001-02-0	N	0.0000106	—	—	—	—	0.0000405	µg/L	Y	U	U	N3B-2023-90	CAWR-23-259063	CFA
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.17	9.81	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3.17	3.07	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Pentachlorodibenzodioxin[1,2,3,7,8-]	40321-76-4	N	0.00000532	—	—	—	—	0.0000231	µg/L	Y	U	U	N3B-2023-90	CAWR-23-259063	CFA
Spring 3	—	10/03/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Pentachlorodibenzodioxins (Total)	36088-22-9	N	0	—	—	—	—	0.0000231	µg/L	Y	U	U	N3B-2023-90	CAWR-23-259063	CFA
Spring 3	—	10/03/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Pentachlorodibenzofuran[1,2,3,7,8-]	57117-41-6	N	0.00000532	—	—	—	—	0.0000198	µg/L	Y	U	U	N3B-2023-90	CAWR-23-259063	CFA
Spring 3	—	10/03/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Pentachlorodibenzofuran[2,3,4,7,8-]	57117-31-4	N	0.00000532	—	—	—	—	0.0000222	µg/L	Y	U	U	N3B-2023-90	CAWR-23-259063	CFA
Spring 3	—	10/03/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Pentachlorodibenzofurans (Totals)	30402-15-4	N	0	—	—	—	—	0.0000198	µg/L	Y	U	U	N3B-2023-90	CAWR-23-259063	CFA
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3.17	1	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.379	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	0.755	401	—	—	—	0.641	ng/L	Y	J	J+	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.777	60	—	—	—	0.777	ng/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.777	60	—	—	—	0.777	ng/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	PETN	78-11-5	N	0.106	170	—	—	—	0.106	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.317	170	—	—	—	0.317	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3.17	5	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0217	—	—	0.0142	0.0621	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0124	—	—	0.0138	0.0656	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.77	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-21	—	—	17.1	64.3	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3.17	250	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.317	117	—	—	—	0.317	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3.17	20	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.307	5	—	0.125	0.344	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.444	—	—	0.165	—	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.136	5	—	0.109	0.361	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	RDX	121-82-4	N	0.0848	9.66	—	—	—	0.0848	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	44.1	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	13.5	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.169	—	—	0.875	3.62	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	198	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	224	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.188	8	—	0.12	0.479	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.88	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3.17	20	—	—	—	3.17	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	TATB	3058-38-6	N	0.318	—	—	—	—	0.318	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.17	1.66	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Tetrachlorodibenzodioxin[2,3,7,8-]	1746-01-6	N	0.0000039	0.00003	—	—	—	0.00000434	µg/L	Y	U	U	N3B-2023-90	CAWR-23-259063	CFA
Spring 3	—	10/03/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Tetrachlorodibenzodioxins (Total)	41903-57-5	N	0	—	—	—	—	0.00000434	µg/L	Y	U	U	N3B-2023-90	CAWR-23-259063	CFA
Spring 3	—	10/03/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Tetrachlorodibenzofuran[2,3,7,8-]	51207-31-9	N	0.00000292	0.00000184	—	—	—	0.0000041	µg/L	Y	U	U	N3B-2023-90	CAWR-23-259063	CFA
Spring 3	—	10/03/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Tetrachlorodibenzofurans (Totals)	55722-27-5	N	0	—	—	—	—	0.0000041	µg/L	Y	U	U	N3B-2023-90	CAWR-23-259063	CFA
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	5.74	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	10	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.17	240	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tetryl	479-45-8	N	0.0848	39.4	—	—	—	0.0848	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	141	1000	161	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0616	—	—	—	—	0.033	mg/L	Y	J	J-	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.109	—	—	—	—	0.02	mg/L	Y	—	J	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.98	55000	—	—	—	2.98	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3.17	70	—	—	—	3.17	µg/L	N	U	U	N3B-2023-72	CAWR-23-259063	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3.17	1170	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	3.17	11.9	—	—	—	3.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	0.00835	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	56	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.5	60	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0848	590	—	—	—	0.0848	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0848	9.8	—	—	—	0.0848	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.318	—	—	—	—	0.318	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.891	20000	—	0.889	2.743	—	pCi/L	Y	U	UJ	N3B-2023-136	CAWR-23-259063	ARSL
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.58	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.05	27.2	0.715	0.0754	0.0505	—	pCi/L	Y	—	J	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0807	28.8	—	0.0189	0.0495	—	pCi/L	Y	—	J	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.723	30	0.336	0.0577	0.0531	—	pCi/L	Y	—	J	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	13.2	63.1	11.4	—	—	1	µg/L	Y	—	J+	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	193	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.5	193	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	N	3.3	10000	—	—	—	3.3	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259064	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.507	—	—	—	—	0.507	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.508	—	—	—	—	0.508	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.507	—	—	—	—	0.507	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.508	—	—	—	—	0.508	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.304	—	—	—	—	0.304	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.305	—	—	—	—	0.305	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.305	535	—	—	—	0.305	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.313	535	—	—	—	0.313	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.305	—	—	—	—	0.305	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.313	—	—	—	—	0.313	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	2.46	14100	—	—	—	1.74	µg/L	Y	J	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Acetone	67-64-1	N	2.21	14100	—	—	—	1.74	µg/L	Y	J	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.02	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.15	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.4	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.2	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	—	—	0.00833	0.0546	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00357	—	—	0.00944	0.0573	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0811	1.9	—	—	—	0.0811	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0813	1.9	—	—	—	0.0813	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0811	1.9	—	—	—	0.0811	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0813	1.9	—	—	—	0.0813	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.057	—	—	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0404	—	—	—	—	0.017	mg/L	Y	J	J	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.27	130	—	—	—	4.27	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.38	130	—	—	—	4.38	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.305	1720	—	—	—	0.305	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.313	1720	—	—	—	0.313	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.39	10	—	—	—	2	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.3	10	—	—	—	2	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259075	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3.05	3	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3.13	3	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3.05	1.2	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3.13	1.2	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	34.1	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Barium	Ba	Y	33.6	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.96	0.00109	—	—	—	3.96	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzidine	92-87-5	N	4.06	0.00109	—	—	—	4.06	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.305	0.12	—	—	—	0.305	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.313	0.12	—	—	—	0.313	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.305	0.2	—	—	—	0.305	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.313	0.2	—	—	—	0.313	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.305	0.343	—	—	—	0.305	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.313	0.343	—	—	—	0.313	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.305	—	—	—	—	0.305	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.313	—	—	—	—	0.313	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.305	3.43	—	—	—	0.305	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.313	3.43	—	—	—	0.313	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	6.1	75000	—	—	—	6.1	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	6.25	75000	—	—	—	6.25	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3.05	2000	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3.13	2000	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3.05	59	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3.13	59	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	3.05	0.137	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	3.13	0.137	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.305	6	—	—	—	0.305	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.313	6	—	—	—	0.313	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	21.1	750	—	—	—	15	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Boron	B	Y	19.9	750	—	—	—	15	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3.05	—	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3.13	—	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.305	160	—	—	—	0.305	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.313	160	—	—	—	0.313	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	21.2	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Calcium	Ca	Y	21	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	5.11	—	—	1.93	4.42	—	pCi/L	Y	UI	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.92	—	—	1.96	7.24	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.92	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.08	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	0.187	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	0.187	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	7.3	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	7.3	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3.05	1400	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3.13	1400	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.35	3.7	—	—	—	3.35	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.44	3.7	—	—	—	3.44	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.417	733	—	—	—	0.417	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.427	733	—	—	—	0.427	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3.05	91	—	—	—	3.05	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3.13	91	—	—	—	3.13	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.05	—	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.13	—	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.95	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.96	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.305	34.3	—	—	—	0.305	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.313	34.3	—	—	—	0.313	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.127	—	—	0.775	3.47	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.746	—	—	1.65	6.16	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.305	885	—	—	—	0.305	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.313	885	—	—	—	0.313	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.305	200	—	—	—	0.305	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.313	200	—	—	—	0.313	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.305	0.0343	—	—	—	0.305	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.313	0.0343	—	—	—	0.313	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3.05	7.9	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3.13	7.9	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	0.2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	0.2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	0.05	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	0.05	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	600	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3.05	600	—	—	—	3.05	µg/L	N	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	600	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3.13	600	—	—	—	3.13	µg/L	N	U	U	N3B-2023-73	CAWR-23-259074	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3.05	—	—	—	—	3.05	µg/L	N	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3.13	—	—	—	—	3.13	µg/L	N	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3.05	75	—	—	—	3.05	µg/L	N	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	75	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	75	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3.13	75	—	—	—	3.13	µg/L	N	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3.05	1.25	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3.13	1.25	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	25	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	25	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	—	—	0.667	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	—	—	0.667	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3.05	45.3	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3.13	45.3	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	370	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	370	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.305	14800	—	—	—	0.305	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.313	14800	—	—	—	0.313	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.305	612	—	—	—	0.305	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.313	612	—	—	—	0.313	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3.05	354	—	—	—	3.05	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3.13	354	—	—	—	3.13	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.05	1.52	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.13	1.52	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0811	2	—	—	—	0.0811	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0813	2	—	—	—	0.0813	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5.08	38.7	—	—	—	5.08	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5.21	38.7	—	—	—	5.21	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3.05	2.37	—	—	—	3.05	µg/L	N	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0811	2.37	—	—	—	0.0811	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3.13	2.37	—	—	—	3.13	µg/L	N	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0813	2.37	—	—	—	0.0813	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3.05	0.485	—	—	—	3.05	µg/L	N	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0811	0.485	—	—	—	0.0811	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3.13	0.485	—	—	—	3.13	µg/L	N	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0813	0.485	—	—	—	0.0813	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3.05	7	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3.13	7	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3.05	4.59	—	—	—	3.05	µg/L	N	U	UJ	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	4.59	—	—	—	0.1	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3.13	4.59	—	—	—	3.13	µg/L	N	U	UJ	N3B-2023-73	CAWR-23-259074	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	4.59	—	—	—	0.1	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3.05	122	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3.13	122	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.305	802	—	—	—	0.305	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.313	802	—	—	—	0.313	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.305	288	—	—	—	0.305	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.313	288	—	—	—	0.313	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.457	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.456	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.527	15	—	0.693	2.42	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	EPA:900.0	Gross alpha	GROSSA	N	2.9	15	—	1.14	2.97	—	pCi/L	Y	U	UJ	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	4.89	—	—	0.943	2.33	—	pCi/L	Y	—	J	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	EPA:900.0	Gross beta	GROSSB	Y	7.62	—	—	1.11	2.42	—	pCi/L	Y	—	J	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.6	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.2	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3.05	1	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3.13	1	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3.05	1.39	—	—	—	3.05	µg/L	N	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3.13	1.39	—	—	—	3.13	µg/L	N	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3.05	50	—	—	—	3.05	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3.13	50	—	—	—	3.13	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3.05	3.28	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3.13	3.28	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	HMX	2691-41-0	N	0.0811	1000	—	—	—	0.0811	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	HMX	2691-41-0	N	0.0813	1000	—	—	—	0.0813	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.305	0.343	—	—	—	0.305	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.313	0.343	—	—	—	0.313	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.56	781	—	—	—	3.56	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.65	781	—	—	—	3.65	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	1.88	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	1.86	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	1240	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	1240	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.305	11.4	—	—	—	0.305	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.313	11.4	—	—	—	0.313	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.305	35.1	—	—	—	0.305	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.313	35.1	—	—	—	0.313	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3.05	930	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3.13	930	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.76	—	—	—	—	3.76	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.86	—	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.13	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.11	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.305	1.17	—	—	—	0.305	µg/L	N	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.313	1.17	—	—	—	0.313	µg/L	N	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.503	—	—	2.24	7.83	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	14.7	—	—	6.2	11.5	—	pCi/L	Y	UI	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.01	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.01	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3.05	190	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3.13	190	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3.05	—	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3.13	—	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3.05	38	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3.13	38	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3.05	1.4	—	—	—	3.05	µg/L	N	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0811	1.4	—	—	—	0.0811	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3.13	1.4	—	—	—	3.13	µg/L	N	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0813	1.4	—	—	—	0.0813	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3.05	—	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3.13	—	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3.05	—	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3.13	—	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.05	0.0273	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.13	0.0273	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.05	0.11	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.13	0.11	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3.05	0.00167	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3.13	0.00167	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3.05	0.00491	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3.13	0.00491	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3.05	0.37	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3.13	0.37	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0831	3.14	—	—	—	0.0831	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0833	3.14	—	—	—	0.0833	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0811	1.74	—	—	—	0.0811	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0813	1.74	—	—	—	0.0813	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.152	42.7	—	—	—	0.152	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.152	42.7	—	—	—	0.152	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.05	9.81	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.13	9.81	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3.05	3.07	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3.13	3.07	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3.05	1	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3.13	1	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.373	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.373	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	PETN	78-11-5	N	0.101	170	—	—	—	0.101	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	PETN	78-11-5	N	0.102	170	—	—	—	0.102	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.305	170	—	—	—	0.305	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.313	170	—	—	—	0.313	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3.05	5	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Phenol	108-95-2	N	3.13	5	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00768	—	—	0.00769	0.0514	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00241	—	—	0.0054	0.0485	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0128	—	—	0.0106	0.0543	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00241	—	—	0.00801	0.0512	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.91	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Potassium	K	Y	2.9	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	14.5	—	—	17.6	44.7	—	pCi/L	Y	U	UJ	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-54.2	—	—	29.6	88.8	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3.05	250	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3.13	250	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.305	117	—	—	—	0.305	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.313	117	—	—	—	0.313	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3.05	20	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3.13	20	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	-0.0354	5	—	0.128	0.541	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.236	5	—	0.141	0.452	—	pCi/L	Y	U	UJ	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0	—	—	0.254	—	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.754	—	—	0.246	—	—	pCi/L	Y	U	UJ	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.515	5	—	0.22	0.917	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.518	5	—	0.202	0.581	—	pCi/L	Y	U	UJ	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	RDX	121-82-4	N	0.0811	9.66	—	—	—	0.0811	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	RDX	121-82-4	N	0.0813	9.66	—	—	—	0.0813	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	49.5	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	49.1	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	14.7	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Sodium	Na	Y	14.6	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.469	—	—	1.35	4.97	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.397	—	—	1.42	5.89	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	188	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	190	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	240	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Strontium	Sr	Y	239	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.139	8	—	0.145	0.497	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.116	8	—	0.142	0.492	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.01	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.03	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3.05	20	—	—	—	3.05	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3.13	20	—	—	—	3.13	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	TATB	3058-38-6	N	0.304	—	—	—	—	0.304	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	TATB	3058-38-6	N	0.305	—	—	—	—	0.305	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.05	1.66	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.13	1.66	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	5.74	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	5.74	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	10	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	10	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.05	240	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.13	240	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tetryl	479-45-8	N	0.0811	39.4	—	—	—	0.0811	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tetryl	479-45-8	N	0.0813	39.4	—	—	—	0.0813	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259075	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Toluene	108-88-3	Y	0.42	1000	—	—	—	0.333	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	139	1000	161	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	147	1000	161	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0828	—	—	—	—	0.033	mg/L	Y	J	UJ	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.134	—	—	—	—	0.033	mg/L	Y	—	UJ	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0918	—	—	—	—	0.02	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0965	—	—	—	—	0.02	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.98	55000	—	—	—	2.98	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.98	55000	—	—	—	2.98	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3.05	70	—	—	—	3.05	µg/L	N	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3.13	70	—	—	—	3.13	µg/L	N	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3.05	1170	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3.13	1170	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	3.05	11.9	—	—	—	3.05	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	3.13	11.9	—	—	—	3.13	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	0.00835	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	0.00835	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	56	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	56	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.5	60	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.5	60	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0811	590	—	—	—	0.0811	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0813	590	—	—	—	0.0813	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0811	9.8	—	—	—	0.0811	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0813	9.8	—	—	—	0.0813	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.304	—	—	—	—	0.304	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.305	—	—	—	—	0.305	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.877	20000	—	0.853	2.8	—	pCi/L	Y	U	UJ	N3B-2023-136	CAWR-23-259068	ARSL
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.521	20000	—	0.922	2.936	—	pCi/L	Y	U	UJ	N3B-2023-136	CAWR-23-259074	ARSL
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.35	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	1.33	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.743	27.2	0.715	0.06	0.0554	—	pCi/L	Y	—	NQ	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.753	27.2	0.715	0.0617	0.0581	—	pCi/L	Y	—	NQ	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.031	28.8	—	0.0134	0.0541	—	pCi/L	Y	U	UJ	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0541	28.8	—	0.0151	0.0568	—	pCi/L	Y	U	UJ	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.484	30	0.336	0.0443	0.0583	—	pCi/L	Y	—	NQ	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.455	30	0.336	0.0437	0.0611	—	pCi/L	Y	—	NQ	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	13.8	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Vanadium	V	Y	13.4	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	193	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	193	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.5	193	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.5	193	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	5.15	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259069	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Zinc	Zn	Y	4.53	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259075	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.507	—	—	—	—	0.507	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.507	—	—	—	—	0.507	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.304	—	—	—	—	0.304	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.306	535	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.306	—	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00623	—	—	0.00963	0.0588	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0811	1.9	—	—	—	0.0811	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0811	1.9	—	—	—	0.0811	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0552	—	—	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.29	130	—	—	—	4.29	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.306	1720	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.96	10	—	—	—	2	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3.06	3	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3.06	1.2	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	8.78	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.98	0.00109	—	—	—	3.98	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.306	0.12	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.306	0.2	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.306	0.343	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.306	—	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.306	3.43	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	6.13	75000	—	—	—	6.13	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3.06	2000	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3.06	59	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	3.06	0.137	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.306	6	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	25.7	750	—	—	—	15	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3.06	—	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.306	160	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	16.4	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.165	—	—	0.9	3.37	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.56	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	0.187	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	7.3	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3.06	1400	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.37	3.7	—	—	—	3.37	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.419	733	—	—	—	0.419	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3.06	91	—	—	—	3.06	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.06	—	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.93	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.306	34.3	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.524	—	—	0.579	2.15	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.306	885	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.306	200	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.306	0.0343	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3.06	7.9	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	0.2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	0.05	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	600	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3.06	600	—	—	—	3.06	µg/L	N	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3.06	—	—	—	—	3.06	µg/L	N	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	75	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3.06	75	—	—	—	3.06	µg/L	N	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3.06	1.25	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	25	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	—	—	0.667	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3.06	45.3	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	370	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.306	14800	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.306	612	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3.06	354	—	—	—	3.06	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.06	1.52	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0811	2	—	—	—	0.0811	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5.11	38.7	—	—	—	5.11	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3.06	2.37	—	—	—	3.06	µg/L	N	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0811	2.37	—	—	—	0.0811	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3.06	0.485	—	—	—	3.06	µg/L	N	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0811	0.485	—	—	—	0.0811	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3.06	7	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3.06	4.59	—	—	—	3.06	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	4.59	—	—	—	0.1	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3.06	122	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.306	802	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.306	288	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.529	1.6	0.377	—	—	0.033	mg/L	Y	—	J	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	Y	3.19	15	—	1.05	2.45	—	pCi/L	Y	—	NQ	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	1.91	—	—	0.874	2.8	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3.06	1	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3.06	1.39	—	—	—	3.06	µg/L	N	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3.06	50	—	—	—	3.06	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3.06	3.28	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	HMX	2691-41-0	N	0.0811	1000	—	—	—	0.0811	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.306	0.343	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.57	781	—	—	—	3.57	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	0.277	—	4.18	—	—	0.11	mg/L	Y	J	J	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	1240	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.306	11.4	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.306	35.1	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3.06	930	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.78	—	—	—	—	3.78	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.07	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.306	1.17	—	—	—	0.306	µg/L	N	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.747	—	—	1.94	7.03	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.409	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3.06	190	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3.06	—	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3.06	38	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3.06	1.4	—	—	—	3.06	µg/L	N	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0811	1.4	—	—	—	0.0811	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3.06	—	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3.06	—	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.06	0.0273	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.06	0.11	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3.06	0.00167	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3.06	0.00491	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3.06	0.37	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0831	3.14	—	—	—	0.0831	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0811	1.74	—	—	—	0.0811	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.152	42.7	—	—	—	0.152	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.06	9.81	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3.06	3.07	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3.06	1	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.357	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	PETN	78-11-5	N	0.101	170	—	—	—	0.101	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.306	170	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3.06	5	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0131	—	—	0.00927	0.0658	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	—	—	0.0113	0.0695	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.79	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-5.27	—	—	15.7	62.6	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3.06	250	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.306	117	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3.06	20	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.495	5	—	0.15	0.27	—	pCi/L	Y	—	U	N3B-2023-72	CAWR-23-259121	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.495	—	—	0.244	—	—	pCi/L	Y	J	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.165	5	—	0.192	0.75	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	RDX	121-82-4	N	0.0811	9.66	—	—	—	0.0811	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	39.5	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	15.2	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.13	—	—	1.12	2.96	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	162	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	153	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.046	8	—	0.137	0.488	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.42	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3.06	20	—	—	—	3.06	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	TATB	3058-38-6	N	0.304	—	—	—	—	0.304	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.06	1.66	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	5.74	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	10	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.06	240	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tetryl	479-45-8	N	0.0811	39.4	—	—	—	0.0811	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	117	1000	161	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0629	—	—	—	—	0.033	mg/L	Y	J	J-	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.103	—	—	—	—	0.02	mg/L	Y	—	J	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.98	55000	—	—	—	2.98	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3.06	70	—	—	—	3.06	µg/L	N	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3.06	1170	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	3.06	11.9	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	0.00835	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	56	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.5	60	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0811	590	—	—	—	0.0811	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0811	9.8	—	—	—	0.0811	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.304	—	—	—	—	0.304	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.684	20000	—	0.882	3.008	—	pCi/L	Y	U	UJ	N3B-2023-136	CAWR-23-259121	ARSL
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.22	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.733	27.2	0.715	0.0657	0.065	—	pCi/L	Y	—	NQ	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0313	28.8	—	0.0137	0.0637	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.477	30	0.336	0.0487	0.0684	—	pCi/L	Y	—	NQ	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	13.9	63.1	11.4	—	—	1	µg/L	Y	—	J+	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	193	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.5	193	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	N	3.3	10000	—	—	—	3.3	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259122	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.489	—	—	—	—	0.489	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.489	—	—	—	—	0.489	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.294	—	—	—	—	0.294	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.298	535	—	—	—	0.298	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.288	535	—	—	—	0.288	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.298	—	—	—	—	0.298	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.288	—	—	—	—	0.288	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.47	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-159	CAWR-23-259140	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0873	—	—	0.0291	0.0935	—	pCi/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0783	1.9	—	—	—	0.0783	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0783	1.9	—	—	—	0.0783	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0425	—	—	—	—	0.017	mg/L	Y	J	J-	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.18	130	—	—	—	4.18	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.03	130	—	—	—	4.03	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.298	1720	—	—	—	0.298	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.288	1720	—	—	—	0.288	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1016	12674-11-2	N	0.0333	0.5	—	—	—	0.0333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1221	11104-28-2	N	0.0333	0.5	—	—	—	0.0333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1232	11141-16-5	N	0.0333	0.5	—	—	—	0.0333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1242	53469-21-9	N	0.0333	0.5	—	—	—	0.0333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1248	12672-29-6	N	0.0333	0.5	—	—	—	0.0333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1254	11097-69-1	N	0.0333	0.5	—	—	—	0.0333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1260	11096-82-5	N	0.0333	0.5	—	—	—	0.0333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1262	37324-23-5	N	0.0333	0.5	—	—	—	0.0333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.69	10	—	—	—	2	µg/L	Y	J	J	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	2.98	3	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	2.88	3	—	—	—	2.88	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	2.98	1.2	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	2.88	1.2	—	—	—	2.88	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	43	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.88	0.00109	—	—	—	3.88	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.75	0.00109	—	—	—	3.75	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.298	0.12	—	—	—	0.298	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	Y	0.384	0.12	—	—	—	0.288	µg/L	Y	J	J-	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.298	0.2	—	—	—	0.298	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.288	0.2	—	—	—	0.288	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.298	0.343	—	—	—	0.298	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	Y	0.307	0.343	—	—	—	0.288	µg/L	Y	J	J-	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.298	—	—	—	—	0.298	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	Y	0.375	—	—	—	—	0.288	µg/L	Y	J	J	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.298	3.43	—	—	—	0.298	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	Y	0.307	3.43	—	—	—	0.288	µg/L	Y	J	J-	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	5.97	75000	—	—	—	5.97	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	Y	8.96	75000	—	—	—	5.76	µg/L	Y	J	J-	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	2.98	2000	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	2.88	2000	—	—	—	2.88	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	2.98	59	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	2.88	59	—	—	—	2.88	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	2.98	0.137	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	2.88	0.137	—	—	—	2.88	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.298	6	—	—	—	0.298	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.288	6	—	—	—	0.288	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	17.3	750	—	—	—	15	µg/L	Y	J	J	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	2.98	—	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	2.88	—	—	—	—	2.88	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.298	160	—	—	—	0.298	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.288	160	—	—	—	0.288	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	22.4	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.33	—	—	2.3	3.85	—	pCi/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.98	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	0.187	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	7.3	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	2.98	1400	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	2.88	1400	—	—	—	2.88	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.28	3.7	—	—	—	3.28	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.17	3.7	—	—	—	3.17	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.408	733	—	—	—	0.408	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.394	733	—	—	—	0.394	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	2.98	91	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	2.88	91	—	—	—	2.88	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.98	—	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.88	—	—	—	—	2.88	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.33	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.298	34.3	—	—	—	0.298	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	Y	0.355	34.3	—	—	—	0.288	µg/L	Y	J	J-	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.451	—	—	1.56	5.38	—	pCi/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.497	885	—	—	—	0.298	µg/L	N	BJ	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	Y	0.403	885	—	—	—	0.288	µg/L	Y	J	J	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.298	200	—	—	—	0.298	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.288	200	—	—	—	0.288	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.298	0.0343	—	—	—	0.298	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	Y	0.355	0.0343	—	—	—	0.288	µg/L	Y	J	J	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	2.98	7.9	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	2.88	7.9	—	—	—	2.88	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	0.2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	0.05	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	2.98	600	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	600	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	2.88	600	—	—	—	2.88	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	2.98	—	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	2.88	—	—	—	—	2.88	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	2.98	75	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	2.88	75	—	—	—	2.88	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	75	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	2.98	1.25	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	2.88	1.25	—	—	—	2.88	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	25	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	—	—	0.667	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	2.98	45.3	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	2.88	45.3	—	—	—	2.88	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	370	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.298	14800	—	—	—	0.298	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	Y	0.288	14800	—	—	—	0.288	µg/L	Y	J	J-	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.298	612	—	—	—	0.298	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.288	612	—	—	—	0.288	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	2.98	354	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	2.88	354	—	—	—	2.88	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.98	1.52	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.88	1.52	—	—	—	2.88	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0783	2	—	—	—	0.0783	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	4.97	38.7	—	—	—	4.97	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	4.8	38.7	—	—	—	4.8	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	2.98	2.37	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	2.88	2.37	—	—	—	2.88	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0783	2.37	—	—	—	0.0783	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	2.98	0.485	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	2.88	0.485	—	—	—	2.88	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0783	0.485	—	—	—	0.0783	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	2.98	7	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	2.88	7	—	—	—	2.88	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	2.98	4.59	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	2.88	4.59	—	—	—	2.88	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	4.59	—	—	—	0.1	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	2.98	122	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	2.88	122	—	—	—	2.88	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.298	802	—	—	—	0.298	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.288	802	—	—	—	0.288	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.298	288	—	—	—	0.298	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.288	288	—	—	—	0.288	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.584	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.302	15	—	0.676	2.62	—	pCi/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	3.87	—	—	0.946	2.81	—	pCi/L	Y	—	J	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	74.9	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	35822-46-9	N	0.00000515	—	—	—	—	0.0000179	µg/L	Y	U	U	N3B-2023-156	CAWR-23-259139	CFA
Spring 4	—	10/13/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Heptachlorodibenzodioxins (Total)	37871-00-4	N	0	—	—	—	—	0.0000179	µg/L	Y	U	U	N3B-2023-156	CAWR-23-259139	CFA
Spring 4	—	10/13/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	67562-39-4	N	0.00000494	—	—	—	—	0.0000142	µg/L	Y	U	U	N3B-2023-156	CAWR-23-259139	CFA
Spring 4	—	10/13/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	55673-89-7	N	0.00000494	—	—	—	—	0.0000173	µg/L	Y	U	U	N3B-2023-156	CAWR-23-259139	CFA
Spring 4	—	10/13/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Heptachlorodibenzofurans (Total)	38998-75-3	N	0	—	—	—	—	0.0000142	µg/L	Y	U	U	N3B-2023-156	CAWR-23-259139	CFA
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	2.98	1	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	2.88	1	—	—	—	2.88	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	2.98	1.39	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	2.88	1.39	—	—	—	2.88	µg/L	N	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	2.98	50	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	2.88	50	—	—	—	2.88	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	39227-28-6	N	0.00000494	—	—	—	—	0.0000235	µg/L	Y	U	U	N3B-2023-156	CAWR-23-259139	CFA
Spring 4	—	10/13/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	57653-85-7	N	0.00000494	—	—	—	—	0.0000161	µg/L	Y	U	U	N3B-2023-156	CAWR-23-259139	CFA
Spring 4	—	10/13/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	19408-74-3	N	0.00000494	—	—	—	—	0.0000202	µg/L	Y	U	U	N3B-2023-156	CAWR-23-259139	CFA
Spring 4	—	10/13/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Hexachlorodibenzodioxins (Total)	34465-46-8	N	0	0.00013	—	—	—	0.0000161	µg/L	Y	U	U	N3B-2023-156	CAWR-23-259139	CFA
Spring 4	—	10/13/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Hexachlorodibenzofuran[1,2,3,4,7,8-]	70648-26-9	N	0.00000494	—	—	—	—	0.0000196	µg/L	Y	U	U	N3B-2023-156	CAWR-23-259139	CFA
Spring 4	—	10/13/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Hexachlorodibenzofuran[1,2,3,6,7,8-]	57117-44-9	N	0.00000494	—	—	—	—	0.000015	µg/L	Y	U	U	N3B-2023-156	CAWR-23-259139	CFA
Spring 4	—	10/13/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Hexachlorodibenzofuran[1,2,3,7,8,9-]	72918-21-9	N	0.00000494	—	—	—	—	0.000022	µg/L	Y	U	U	N3B-2023-156	CAWR-23-259139	CFA
Spring 4	—	10/13/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Hexachlorodibenzofuran[2,3,4,6,7,8-]	60851-34-5	N	0.00000494	—	—	—	—	0.0000151	µg/L	Y	U	U	N3B-2023-156	CAWR-23-259139	CFA
Spring 4	—	10/13/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Hexachlorodibenzofurans (Total)	55684-94-1	N	0	—	—	—	—	0.000015	µg/L	Y	U	U	N3B-2023-156	CAWR-23-259139	CFA
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	2.98	3.28	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	2.88	3.28	—	—	—	2.88	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	HMX	2691-41-0	N	0.0783	1000	—	—	—	0.0783	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.298	0.343	—	—	—	0.298	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	Y	0.336	0.343	—	—	—	0.288	µg/L	Y	J	J-	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.48	781	—	—	—	3.48	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.36	781	—	—	—	3.36	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	4.57	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	1240	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.298	11.4	—	—	—	0.298	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.288	11.4	—	—	—	0.288	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.298	35.1	—	—	—	0.298	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.288	35.1	—	—	—	0.288	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	2.98	930	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	2.88	930	—	—	—	2.88	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.68	—	—	—	—	3.68	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.55	—	—	—	—	3.55	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.09	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.298	1.17	—	—	—	0.298	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.288	1.17	—	—	—	0.288	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.75	—	—	2.26	8.14	—	pCi/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.3	10	0.769	—	—	0.085	mg/L	Y	—	J+	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	2.98	190	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	2.88	190	—	—	—	2.88	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	2.98	—	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	2.88	—	—	—	—	2.88	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	2.98	38	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	2.88	38	—	—	—	2.88	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.98	1.4	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.88	1.4	—	—	—	2.88	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0783	1.4	—	—	—	0.0783	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	2.98	—	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	2.88	—	—	—	—	2.88	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	2.98	—	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	2.88	—	—	—	—	2.88	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.98	0.0273	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.88	0.0273	—	—	—	2.88	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.98	0.11	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.88	0.11	—	—	—	2.88	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	2.98	0.00167	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	2.88	0.00167	—	—	—	2.88	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	2.98	0.00491	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	2.88	0.00491	—	—	—	2.88	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	2.98	0.37	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	2.88	0.37	—	—	—	2.88	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0803	3.14	—	—	—	0.0803	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0783	1.74	—	—	—	0.0783	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.147	42.7	—	—	—	0.147	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3268-87-9	N	0.0000117	—	—	—	—	0.0000329	µg/L	Y	U	U	N3B-2023-156	CAWR-23-259139	CFA
Spring 4	—	10/13/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	39001-02-0	N	0.0000105	—	—	—	—	0.0000376	µg/L	Y	U	U	N3B-2023-156	CAWR-23-259139	CFA
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.98	9.81	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.88	9.81	—	—	—	2.88	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	2.98	3.07	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	2.88	3.07	—	—	—	2.88	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Pentachlorodibenzodioxin[1,2,3,7,8-]	40321-76-4	N	0.00000494	—	—	—	—	0.0000214	µg/L	Y	U	U	N3B-2023-156	CAWR-23-259139	CFA
Spring 4	—	10/13/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Pentachlorodibenzodioxins (Total)	36088-22-9	N	0	—	—	—	—	0.0000214	µg/L	Y	U	U	N3B-2023-156	CAWR-23-259139	CFA
Spring 4	—	10/13/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Pentachlorodibenzofuran[1,2,3,7,8-]	57117-41-6	N	0.00000494	—	—	—	—	0.0000184	µg/L	Y	U	U	N3B-2023-156	CAWR-23-259139	CFA
Spring 4	—	10/13/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Pentachlorodibenzofuran[2,3,4,7,8-]	57117-31-4	N	0.00000494	—	—	—	—	0.0000206	µg/L	Y	U	U	N3B-2023-156	CAWR-23-259139	CFA
Spring 4	—	10/13/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Pentachlorodibenzofurans (Totals)	30402-15-4	N	0	—	—	—	—	0.0000184	µg/L	Y	U	U	N3B-2023-156	CAWR-23-259139	CFA
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	2.98	1	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	2.88	1	—	—	—	2.88	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.517	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	PETN	78-11-5	N	0.0979	170	—	—	—	0.0979	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.298	170	—	—	—	0.298	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	Y	0.327	170	—	—	—	0.288	µg/L	Y	J	J-	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	2.98	5	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	2.88	5	—	—	—	2.88	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	—	—	0.00924	0.0587	—	pCi/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00876	—	—	0.0127	0.062	—	pCi/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.79	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-11.6	—	—	15	53.6	—	pCi/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	2.98	250	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	2.88	250	—	—	—	2.88	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.298	117	—	—	—	0.298	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.288	117	—	—	—	0.288	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	2.98	20	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	2.88	20	—	—	—	2.88	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.379	5	—	0.132	0.333	—	pCi/L	Y	—	J+	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.08	—	—	0.278	—	—	pCi/L	Y	—	J+	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.702	5	—	0.245	0.694	—	pCi/L	Y	—	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	RDX	121-82-4	N	0.0783	9.66	—	—	—	0.0783	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	56.5	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	14	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.844	—	—	0.993	3.48	—	pCi/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	220	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	144	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.273	8	—	0.128	0.414	—	pCi/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.84	600	4.59	—	—	0.133	mg/L	Y	—	J+	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	2.98	20	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	2.88	20	—	—	—	2.88	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	TATB	3058-38-6	N	0.294	—	—	—	—	0.294	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.98	1.66	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.88	1.66	—	—	—	2.88	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Tetrachlorodibenzodioxin[2,3,7,8-]	1746-01-6	N	0.00000794	0.00003	—	—	—	0.00000403	µg/L	Y	U	U	N3B-2023-156	CAWR-23-259139	CFA
Spring 4	—	10/13/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Tetrachlorodibenzodioxins (Total)	41903-57-5	N	0	—	—	—	—	0.00000403	µg/L	Y	U	U	N3B-2023-156	CAWR-23-259139	CFA
Spring 4	—	10/13/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Tetrachlorodibenzofuran[2,3,7,8-]	51207-31-9	N	0.00000541	0.00000184	—	—	—	0.0000038	µg/L	Y	U	U	N3B-2023-156	CAWR-23-259139	CFA
Spring 4	—	10/13/2022	WG	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Tetrachlorodibenzofurans (Totals)	55722-27-5	N	0	—	—	—	—	0.0000038	µg/L	Y	U	U	N3B-2023-156	CAWR-23-259139	CFA
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	5.74	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	10	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.98	240	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.88	240	—	—	—	2.88	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tetryl	479-45-8	N	0.0783	39.4	—	—	—	0.0783	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	152	1000	161	—	—	2.38	mg/L	Y	—	J	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0825	—	—	—	—	0.033	mg/L	Y	J	J+	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0308	—	—	—	—	0.02	mg/L	Y	J	U	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.98	55000	—	—	—	2.98	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	2.98	70	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	2.88	70	—	—	—	2.88	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	2.98	1170	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	2.88	1170	—	—	—	2.88	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	2.98	11.9	—	—	—	2.98	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	2.88	11.9	—	—	—	2.88	µg/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	0.00835	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	56	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.5	60	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0783	590	—	—	—	0.0783	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0783	9.8	—	—	—	0.0783	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.294	—	—	—	—	0.294	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	3.969	20000	—	1.045	2.68	—	pCi/L	Y	—	U	N3B-2023-304	CAWR-23-259139	ARSL
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.8	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.52	27.2	0.715	0.0441	0.0446	—	pCi/L	Y	—	NQ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0332	28.8	—	0.0125	0.0436	—	pCi/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.284	30	0.336	0.0299	0.0469	—	pCi/L	Y	—	NQ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	9.89	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	193	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.5	193	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	5.98	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2023-159	CAWR-23-259140	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.61	—	—	—	—	0.61	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.61	—	—	—	—	0.61	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.366	—	—	—	—	0.366	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.3	535	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	2.43	14100	—	—	—	1.74	µg/L	Y	BJ	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.43	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.2	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0228	—	—	0.0143	0.0524	—	pCi/L	Y	U	UJ	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0976	1.9	—	—	—	0.0976	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0976	1.9	—	—	—	0.0976	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0306	—	—	—	—	0.017	mg/L	Y	J	J	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.2	130	—	—	—	4.2	µg/L	Y	U	UJ	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.3	1720	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.27	10	—	—	—	2	µg/L	Y	J	J	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3	3	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3	1.2	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	40.8	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.9	0.00109	—	—	—	3.9	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.3	0.12	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.3	0.2	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.3	0.343	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.3	3.43	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	6	75000	—	—	—	6	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3	2000	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3	59	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	3	0.137	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.3	6	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	21	750	—	—	—	15	µg/L	Y	J	J	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.3	160	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	21.3	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.323	—	—	1.19	3.77	—	pCi/L	Y	U	UJ	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.38	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	0.187	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	7.3	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3	1400	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.3	3.7	—	—	—	3.3	µg/L	Y	U	UJ	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.41	733	—	—	—	0.41	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3	91	—	—	—	3	µg/L	Y	U	UJ	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.3	34.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.231	—	—	0.906	3.63	—	pCi/L	Y	U	UJ	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.3	885	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.3	200	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.3	0.0343	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3	7.9	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	0.2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	0.05	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3	600	—	—	—	3	µg/L	N	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	600	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3	—	—	—	—	3	µg/L	N	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3	75	—	—	—	3	µg/L	N	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	75	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3	1.25	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	25	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	—	—	0.667	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3	45.3	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	370	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.3	14800	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.3	612	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3	354	—	—	—	3	µg/L	Y	U	UJ	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3	1.52	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0976	2	—	—	—	0.0976	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5	38.7	—	—	—	5	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0976	2.37	—	—	—	0.0976	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3	2.37	—	—	—	3	µg/L	N	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0976	0.485	—	—	—	0.0976	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3	0.485	—	—	—	3	µg/L	N	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3	7	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.116	4.59	—	—	—	0.1	µg/L	Y	J	J	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3	4.59	—	—	—	3	µg/L	N	U	UJ	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3	122	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.3	802	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.3	288	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.435	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	-0.0229	15	—	0.53	2.51	—	pCi/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	-0.0157	—	—	0.759	2.8	—	pCi/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	75.8	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3	1.39	—	—	—	3	µg/L	N	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3	50	—	—	—	3	µg/L	Y	U	UJ	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3	3.28	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	HMX	2691-41-0	N	0.0976	1000	—	—	—	0.0976	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.3	0.343	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.5	781	—	—	—	3.5	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	5.5	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	1240	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.3	11.4	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.3	35.1	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3	930	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	—	—	—	3.7	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.36	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.3	1.17	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.21	—	—	1.98	7.04	—	pCi/L	Y	U	UJ	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.894	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3	190	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3	38	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0976	1.4	—	—	—	0.0976	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3	1.4	—	—	—	3	µg/L	N	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	3	0.0273	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	3	0.11	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3	0.00167	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3	0.00491	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3	0.37	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.1	3.14	—	—	—	0.1	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0976	1.74	—	—	—	0.0976	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.183	42.7	—	—	—	0.183	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3	9.81	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3	3.07	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.547	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	PETN	78-11-5	N	0.122	170	—	—	—	0.122	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.3	170	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3	5	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.075	—	—	0.0465	0.167	—	pCi/L	Y	U	UJ	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0499	—	—	0.0373	0.177	—	pCi/L	Y	U	UJ	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	1.91	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	16.2	—	—	20.1	24.9	—	pCi/L	Y	U	UJ	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3	250	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.3	117	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.324	5	—	0.117	0.248	—	pCi/L	Y	—	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.714	—	—	0.267	—	—	pCi/L	Y	J	UJ	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.39	5	—	0.239	0.773	—	pCi/L	Y	U	UJ	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	RDX	121-82-4	N	0.0976	9.66	—	—	—	0.0976	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	66.8	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	12.7	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.05	—	—	1.2	3.65	—	pCi/L	Y	U	UJ	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	218	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	109	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0535	8	—	0.129	0.491	—	pCi/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.23	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3	20	—	—	—	3	µg/L	Y	U	UJ	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	TATB	3058-38-6	N	0.366	—	—	—	—	0.366	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3	1.66	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	5.74	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	10	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3	240	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tetryl	479-45-8	N	0.0976	39.4	—	—	—	0.0976	µg/L	Y	U	UJ	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1.04	12000	—	—	—	1	µg/L	Y	J	U	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	160	1000	161	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.121	—	—	—	—	0.033	mg/L	Y	—	J-	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.146	—	—	—	—	0.02	mg/L	Y	—	J	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.98	55000	—	—	—	2.98	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3	70	—	—	—	3	µg/L	N	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroflouromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3	1170	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	3	11.9	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	0.00835	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	56	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.5	60	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0976	590	—	—	—	0.0976	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0976	9.8	—	—	—	0.0976	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.366	—	—	—	—	0.366	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.341	20000	—	0.927	2.768	—	pCi/L	Y	U	UJ	N3B-2023-136	CAWR-23-259177	ARSL
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.344	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.458	27.2	0.715	0.0566	0.0823	—	pCi/L	Y	—	NQ	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0255	28.8	—	0.017	0.0804	—	pCi/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.273	30	0.336	0.0395	0.0866	—	pCi/L	Y	—	NQ	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	5.45	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	193	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.5	193	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	5.77	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2023-70	CAWR-23-259178	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	2.63	14100	—	—	—	1.74	µg/L	Y	J	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.83	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	90	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0753	—	—	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.42	10	—	—	—	2	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	51.6	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	20.4	750	—	—	—	15	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	25.1	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.91	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	0.187	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	7.3	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	0.2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	0.05	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	600	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	75	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	25	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	—	—	0.667	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	370	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.497	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	85.6	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	5.58	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	1240	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.11	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.765	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.422	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.68	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	55.7	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	13.7	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	226	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	154	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.74	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	5.74	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	10	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	Y	9.37	1000	—	—	—	0.333	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	168	1000	161	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.131	—	—	—	—	0.033	mg/L	Y	—	UJ	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.69	—	—	—	—	0.33	mg/L	Y	J	J	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0943	—	—	—	—	0.02	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.98	55000	—	—	—	2.98	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	0.00835	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	56	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.5	60	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.23	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	7.98	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	193	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.5	193	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	6.03	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259182	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.5	—	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.5	—	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.316	535	—	—	—	0.316	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.316	—	—	—	—	0.316	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.78	14100	—	—	—	1.74	µg/L	Y	J	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.05	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0245	—	—	0.0152	0.0562	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0801	1.9	—	—	—	0.0801	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0801	1.9	—	—	—	0.0801	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0267	—	—	—	—	0.017	mg/L	Y	J	J-	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.42	130	—	—	—	4.42	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.316	1720	—	—	—	0.316	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.34	10	—	—	—	2	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3.16	3	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3.16	1.2	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	28.4	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	4.11	0.00109	—	—	—	4.11	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.316	0.12	—	—	—	0.316	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.316	0.2	—	—	—	0.316	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.316	0.343	—	—	—	0.316	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.316	—	—	—	—	0.316	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.316	3.43	—	—	—	0.316	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	6.32	75000	—	—	—	6.32	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3.16	2000	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3.16	59	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	3.16	0.137	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.316	6	—	—	—	0.316	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	18	750	—	—	—	15	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3.16	—	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.316	160	—	—	—	0.316	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	17.9	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0336	—	—	1.52	5.5	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.86	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	0.187	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	7.3	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3.16	1400	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.47	3.7	—	—	—	3.47	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.432	733	—	—	—	0.432	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3.16	91	—	—	—	3.16	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.16	—	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.5	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.316	34.3	—	—	—	0.316	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.356	—	—	1.78	6.83	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.316	885	—	—	—	0.316	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.316	200	—	—	—	0.316	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.316	0.0343	—	—	—	0.316	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3.16	7.9	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	0.2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	0.05	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	600	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3.16	600	—	—	—	3.16	µg/L	N	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3.16	—	—	—	—	3.16	µg/L	N	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	75	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3.16	75	—	—	—	3.16	µg/L	N	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3.16	1.25	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	25	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	—	—	0.667	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3.16	45.3	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	370	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.316	14800	—	—	—	0.316	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.316	612	—	—	—	0.316	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3.16	354	—	—	—	3.16	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.16	1.52	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0801	2	—	—	—	0.0801	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5.26	38.7	—	—	—	5.26	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3.16	2.37	—	—	—	3.16	µg/L	N	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0801	2.37	—	—	—	0.0801	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3.16	0.485	—	—	—	3.16	µg/L	N	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0801	0.485	—	—	—	0.0801	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3.16	7	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3.16	4.59	—	—	—	3.16	µg/L	N	U	UJ	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	4.59	—	—	—	0.1	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3.16	122	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.316	802	—	—	—	0.316	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.316	288	—	—	—	0.316	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.606	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.58	15	—	0.794	2.35	—	pCi/L	Y	U	UJ	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	1.21	—	—	0.862	2.88	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.4	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3.16	1	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3.16	1.39	—	—	—	3.16	µg/L	N	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3.16	50	—	—	—	3.16	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3.16	3.28	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	HMX	2691-41-0	N	0.0801	1000	—	—	—	0.0801	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.316	0.343	—	—	—	0.316	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.68	781	—	—	—	3.68	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	4.79	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	1240	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.316	11.4	—	—	—	0.316	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.316	35.1	—	—	—	0.316	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3.16	930	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.9	—	—	—	—	3.9	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.926	1000	2.5	—	—	0.2	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.316	1.17	—	—	—	0.316	µg/L	N	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.94	—	—	2.22	7.75	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.756	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3.16	190	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3.16	—	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3.16	38	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3.16	1.4	—	—	—	3.16	µg/L	N	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0801	1.4	—	—	—	0.0801	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3.16	—	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3.16	—	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.16	0.0273	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.16	0.11	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3.16	0.00167	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3.16	0.00491	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3.16	0.37	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0821	3.14	—	—	—	0.0821	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0801	1.74	—	—	—	0.0801	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.15	42.7	—	—	—	0.15	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.16	9.81	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3.16	3.07	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3.16	1	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.359	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	PETN	78-11-5	N	0.1	170	—	—	—	0.1	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.316	170	—	—	—	0.316	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3.16	5	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0124	—	—	0.011	0.0832	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0124	—	—	0.0199	0.0879	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.01	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	6.79	—	—	22.8	79.4	—	pCi/L	Y	U	UJ	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3.16	250	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.316	117	—	—	—	0.316	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3.16	20	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.558	5	—	0.159	0.267	—	pCi/L	Y	—	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.596	—	—	0.257	—	—	pCi/L	Y	J	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0384	5	—	0.201	0.729	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	RDX	121-82-4	N	0.0801	9.66	—	—	—	0.0801	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	68.2	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	12.1	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.58	—	—	1.38	4.46	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	176	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	92.5	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0265	8	—	0.139	0.493	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.89	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3.16	20	—	—	—	3.16	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	TATB	3058-38-6	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.16	1.66	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	5.74	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	10	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.16	240	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tetryl	479-45-8	N	0.0801	39.4	—	—	—	0.0801	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	135	1000	161	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0665	—	—	—	—	0.033	mg/L	Y	J	UJ	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.151	—	—	—	—	0.02	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.98	55000	—	—	—	2.98	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3.16	70	—	—	—	3.16	µg/L	N	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3.16	1170	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	3.16	11.9	—	—	—	3.16	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	0.00835	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	56	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.5	60	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0801	590	—	—	—	0.0801	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0801	9.8	—	—	—	0.0801	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	78.933	20000	—	11.987	3.198	—	pCi/L	Y	—	J	N3B-2023-136	CAWR-23-259185	ARSL
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.548	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.369	27.2	0.715	0.0552	0.111	—	pCi/L	Y	—	J	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0206	28.8	—	0.0154	0.108	—	pCi/L	Y	U	UJ	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.183	30	0.336	0.0404	0.116	—	pCi/L	Y	—	J	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	10.1	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC

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Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	193	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.5	193	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	4.69	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259186	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.567	—	—	—	—	0.567	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.518	—	—	—	—	0.518	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.567	—	—	—	—	0.567	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.518	—	—	—	—	0.518	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.34	—	—	—	—	0.34	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.311	—	—	—	—	0.311	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.306	535	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.299	535	—	—	—	0.299	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.306	—	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.299	—	—	—	—	0.299	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	2.63	14100	—	—	—	1.74	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.4	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.6	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0311	—	—	0.0247	0.0713	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0275	—	—	0.0131	0.0738	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0907	1.9	—	—	—	0.0907	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0829	1.9	—	—	—	0.0829	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0907	1.9	—	—	—	0.0907	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0829	1.9	—	—	—	0.0829	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0563	—	—	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0683	—	—	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.29	130	—	—	—	4.29	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.19	130	—	—	—	4.19	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.306	1720	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.299	1720	—	—	—	0.299	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.09	10	—	—	—	2	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.04	10	—	—	—	2	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3.06	3	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	2.99	3	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3.06	1.2	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	2.99	1.2	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	30	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Barium	Ba	Y	30.9	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.98	0.00109	—	—	—	3.98	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.89	0.00109	—	—	—	3.89	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.306	0.12	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.299	0.12	—	—	—	0.299	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.306	0.2	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.299	0.2	—	—	—	0.299	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.306	0.343	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.299	0.343	—	—	—	0.299	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.306	—	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.299	—	—	—	—	0.299	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.306	3.43	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.299	3.43	—	—	—	0.299	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	6.13	75000	—	—	—	6.13	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	5.98	75000	—	—	—	5.98	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3.06	2000	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	2.99	2000	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3.06	59	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	2.99	59	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	3.06	0.137	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	2.99	0.137	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.306	6	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.299	6	—	—	—	0.299	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	19.9	750	—	—	—	15	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Boron	B	Y	17.6	750	—	—	—	15	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3.06	—	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	2.99	—	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.306	160	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.299	160	—	—	—	0.299	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	14.6	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Calcium	Ca	Y	14.9	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.373	—	—	2.24	3.4	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.12	—	—	1.85	7.32	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.16	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.41	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	0.187	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	0.187	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	7.3	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	7.3	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3.06	1400	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	2.99	1400	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.37	3.7	—	—	—	3.37	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.29	3.7	—	—	—	3.29	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.419	733	—	—	—	0.419	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.409	733	—	—	—	0.409	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3.06	91	—	—	—	3.06	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	2.99	91	—	—	—	2.99	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.06	—	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.99	—	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.14	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.13	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.306	34.3	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.299	34.3	—	—	—	0.299	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.364	—	—	0.92	3.94	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.296	—	—	1.72	6.83	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.306	885	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.299	885	—	—	—	0.299	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.306	200	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.299	200	—	—	—	0.299	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.306	0.0343	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.299	0.0343	—	—	—	0.299	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3.06	7.9	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	2.99	7.9	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	0.2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	0.2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	0.05	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	0.05	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	600	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3.06	600	—	—	—	3.06	µg/L	N	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	600	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	2.99	600	—	—	—	2.99	µg/L	N	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3.06	—	—	—	—	3.06	µg/L	N	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	2.99	—	—	—	—	2.99	µg/L	N	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	75	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3.06	75	—	—	—	3.06	µg/L	N	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	75	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	2.99	75	—	—	—	2.99	µg/L	N	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3.06	1.25	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	2.99	1.25	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	25	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	25	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	—	—	0.667	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	—	—	0.667	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3.06	45.3	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	2.99	45.3	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	370	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	370	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.306	14800	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.299	14800	—	—	—	0.299	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.306	612	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.299	612	—	—	—	0.299	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3.06	354	—	—	—	3.06	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	2.99	354	—	—	—	2.99	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.06	1.52	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.99	1.52	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0907	2	—	—	—	0.0907	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0829	2	—	—	—	0.0829	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5.11	38.7	—	—	—	5.11	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	4.99	38.7	—	—	—	4.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3.06	2.37	—	—	—	3.06	µg/L	N	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0907	2.37	—	—	—	0.0907	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	2.99	2.37	—	—	—	2.99	µg/L	N	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0829	2.37	—	—	—	0.0829	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3.06	0.485	—	—	—	3.06	µg/L	N	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0907	0.485	—	—	—	0.0907	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	2.99	0.485	—	—	—	2.99	µg/L	N	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0829	0.485	—	—	—	0.0829	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3.06	7	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	2.99	7	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3.06	4.59	—	—	—	3.06	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	4.59	—	—	—	0.1	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	2.99	4.59	—	—	—	2.99	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	4.59	—	—	—	0.1	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3.06	122	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	2.99	122	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.306	802	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.299	802	—	—	—	0.299	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.306	288	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.299	288	—	—	—	0.299	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.519	1.6	0.377	—	—	0.033	mg/L	Y	—	J	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.643	1.6	0.377	—	—	0.033	mg/L	Y	—	J	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.278	15	—	0.61	2.51	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.31	15	—	0.888	2.97	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	1.57	—	—	0.87	2.84	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	EPA:900.0	Gross beta	GROSSB	Y	4.1	—	—	0.987	2.74	—	pCi/L	Y	—	NQ	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	51.5	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	52.2	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3.06	1	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	2.99	1	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3.06	1.39	—	—	—	3.06	µg/L	N	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	2.99	1.39	—	—	—	2.99	µg/L	N	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3.06	50	—	—	—	3.06	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	2.99	50	—	—	—	2.99	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3.06	3.28	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	2.99	3.28	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	HMX	2691-41-0	N	0.0907	1000	—	—	—	0.0907	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	HMX	2691-41-0	N	0.0829	1000	—	—	—	0.0829	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.306	0.343	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.299	0.343	—	—	—	0.299	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.57	781	—	—	—	3.57	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.49	781	—	—	—	3.49	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.62	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.67	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	Y	3.68	200	—	—	—	2	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Manganese	Mn	Y	4.47	200	—	—	—	2	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	1240	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	1240	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.306	11.4	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.299	11.4	—	—	—	0.299	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.306	35.1	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.299	35.1	—	—	—	0.299	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3.06	930	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	2.99	930	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.78	—	—	—	—	3.78	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.69	—	—	—	—	3.69	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.02	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.995	1000	2.5	—	—	0.2	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.306	1.17	—	—	—	0.306	µg/L	N	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.299	1.17	—	—	—	0.299	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.308	—	—	2.08	7.74	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.283	—	—	2.61	10	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.525	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.511	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3.06	190	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	2.99	190	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3.06	—	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	2.99	—	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3.06	38	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	2.99	38	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3.06	1.4	—	—	—	3.06	µg/L	N	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0907	1.4	—	—	—	0.0907	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.99	1.4	—	—	—	2.99	µg/L	N	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0829	1.4	—	—	—	0.0829	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3.06	—	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	2.99	—	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3.06	—	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	2.99	—	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.06	0.0273	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.99	0.0273	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.06	0.11	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.99	0.11	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3.06	0.00167	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	2.99	0.00167	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3.06	0.00491	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	2.99	0.00491	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3.06	0.37	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	2.99	0.37	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.093	3.14	—	—	—	0.093	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.085	3.14	—	—	—	0.085	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0907	1.74	—	—	—	0.0907	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0829	1.74	—	—	—	0.0829	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.17	42.7	—	—	—	0.17	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.155	42.7	—	—	—	0.155	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.06	9.81	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.99	9.81	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3.06	3.07	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	2.99	3.07	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3.06	1	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	2.99	1	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.286	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.291	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	PETN	78-11-5	N	0.113	170	—	—	—	0.113	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	PETN	78-11-5	N	0.104	170	—	—	—	0.104	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.306	170	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.299	170	—	—	—	0.299	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3.06	5	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Phenol	108-95-2	N	2.99	5	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00632	—	—	0.0109	0.0634	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0164	—	—	0.0164	0.0822	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0158	—	—	0.0122	0.067	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0287	—	—	0.0169	0.0869	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	1.97	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Potassium	K	Y	1.98	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-11.6	—	—	18.4	65	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	12.7	—	—	19.4	85.7	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3.06	250	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Prometon	1610-18-0	N	2.99	250	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.306	117	—	—	—	0.306	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.299	117	—	—	—	0.299	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3.06	20	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Pyridine	110-86-1	N	2.99	20	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.112	5	—	0.113	0.414	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.157	5	—	0.115	0.385	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.208	—	—	0.23	—	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.182	—	—	0.242	—	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0958	5	—	0.201	0.719	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.0254	5	—	0.213	0.768	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	RDX	121-82-4	N	0.0907	9.66	—	—	—	0.0907	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	RDX	121-82-4	N	0.0829	9.66	—	—	—	0.0829	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	58.2	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	58.7	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	10.6	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Sodium	Na	Y	10.6	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.61	—	—	1.27	5.3	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.376	—	—	1.75	7.26	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	161	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	162	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	86	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Strontium	Sr	Y	86.6	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.127	8	—	0.137	0.476	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.346	8	—	0.154	0.49	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.51	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.49	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3.06	20	—	—	—	3.06	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	2.99	20	—	—	—	2.99	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	TATB	3058-38-6	N	0.34	—	—	—	—	0.34	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	TATB	3058-38-6	N	0.311	—	—	—	—	0.311	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.06	1.66	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.99	1.66	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	5.74	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	5.74	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	10	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	10	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.06	240	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.99	240	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tetryl	479-45-8	N	0.0907	39.4	—	—	—	0.0907	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tetryl	479-45-8	N	0.0829	39.4	—	—	—	0.0829	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	120	1000	161	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	123	1000	161	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0519	—	—	—	—	0.033	mg/L	Y	J	J-	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0366	—	—	—	—	0.033	mg/L	Y	J	J-	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0978	—	—	—	—	0.02	mg/L	Y	—	J	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.125	—	—	—	—	0.02	mg/L	Y	—	J	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.98	55000	—	—	—	2.98	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.98	55000	—	—	—	2.98	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3.06	70	—	—	—	3.06	µg/L	N	U	U	N3B-2023-72	CAWR-23-259190	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	2.99	70	—	—	—	2.99	µg/L	N	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3.06	1170	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	2.99	1170	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	3.06	11.9	—	—	—	3.06	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	2.99	11.9	—	—	—	2.99	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	0.00835	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	0.00835	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	56	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	56	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.5	60	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.5	60	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0907	590	—	—	—	0.0907	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0829	590	—	—	—	0.0829	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0907	9.8	—	—	—	0.0907	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0829	9.8	—	—	—	0.0829	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.34	—	—	—	—	0.34	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.311	—	—	—	—	0.311	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.623	20000	—	0.844	2.639	—	pCi/L	Y	U	UJ	N3B-2023-136	CAWR-23-259190	ARSL
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.748	20000	—	0.876	2.726	—	pCi/L	Y	U	UJ	N3B-2023-136	CAWR-23-259194	ARSL
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.647	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	0.645	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.441	27.2	0.715	0.0461	0.0577	—	pCi/L	Y	—	NQ	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.436	27.2	0.715	0.0464	0.0598	—	pCi/L	Y	—	NQ	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00716	28.8	—	0.0113	0.0564	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0149	28.8	—	0.0139	0.0584	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.249	30	0.336	0.0302	0.0607	—	pCi/L	Y	—	NQ	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.186	30	0.336	0.0278	0.0629	—	pCi/L	Y	—	NQ	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	7.4	63.1	11.4	—	—	1	µg/L	Y	—	J+	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Vanadium	V	Y	8.12	63.1	11.4	—	—	1	µg/L	Y	—	J+	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	193	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	193	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.5	193	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.5	193	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	N	3.3	10000	—	—	—	3.3	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Zinc	Zn	N	3.3	10000	—	—	—	3.3	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259195	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.503	—	—	—	—	0.503	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.505	—	—	—	—	0.505	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.503	—	—	—	—	0.503	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.505	—	—	—	—	0.505	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.302	—	—	—	—	0.302	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.303	—	—	—	—	0.303	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.325	535	—	—	—	0.325	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.293	535	—	—	—	0.293	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.304	535	—	—	—	0.304	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.325	—	—	—	—	0.325	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.293	—	—	—	—	0.293	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.304	—	—	—	—	0.304	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Acetone	67-64-1	Y	1.97	14100	—	—	—	1.74	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	2.35	14100	—	—	—	1.74	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-72	CAWR-23-259208	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 6	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.87	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.4	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0284	—	—	0.015	0.0913	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	—	—	0.0151	0.0766	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0805	1.9	—	—	—	0.0805	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0808	1.9	—	—	—	0.0808	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0805	1.9	—	—	—	0.0805	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0808	1.9	—	—	—	0.0808	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0714	—	—	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0494	—	—	—	—	0.017	mg/L	Y	J	J	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.55	130	—	—	—	4.55	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.11	130	—	—	—	4.11	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.26	130	—	—	—	4.26	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.325	1720	—	—	—	0.325	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.293	1720	—	—	—	0.293	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.304	1720	—	—	—	0.304	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.35	10	—	—	—	2	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.45	10	—	—	—	2	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3.25	3	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	2.93	3	—	—	—	2.93	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3.04	3	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3.25	1.2	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	2.93	1.2	—	—	—	2.93	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3.04	1.2	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Barium	Ba	Y	22.7	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	22.8	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Benzidine	92-87-5	N	4.23	0.00109	—	—	—	4.23	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.81	0.00109	—	—	—	3.81	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.95	0.00109	—	—	—	3.95	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.325	0.12	—	—	—	0.325	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.293	0.12	—	—	—	0.293	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.304	0.12	—	—	—	0.304	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.325	0.2	—	—	—	0.325	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.293	0.2	—	—	—	0.293	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.304	0.2	—	—	—	0.304	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.325	0.343	—	—	—	0.325	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.293	0.343	—	—	—	0.293	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.304	0.343	—	—	—	0.304	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.325	—	—	—	—	0.325	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.293	—	—	—	—	0.293	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.304	—	—	—	—	0.304	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.325	3.43	—	—	—	0.325	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.293	3.43	—	—	—	0.293	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.304	3.43	—	—	—	0.304	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	6.5	75000	—	—	—	6.5	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	5.87	75000	—	—	—	5.87	µg/L	N	U	R	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	6.08	75000	—	—	—	6.08	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3.25	2000	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	2.93	2000	—	—	—	2.93	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3.04	2000	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259204	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3.25	59	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	2.93	59	—	—	—	2.93	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3.04	59	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	3.25	0.137	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	2.93	0.137	—	—	—	2.93	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	3.04	0.137	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.325	6	—	—	—	0.325	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.293	6	—	—	—	0.293	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.304	6	—	—	—	0.304	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3.25	—	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	2.93	—	—	—	—	2.93	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3.04	—	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.325	160	—	—	—	0.325	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.293	160	—	—	—	0.293	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.304	160	—	—	—	0.304	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Calcium	Ca	Y	10.4	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	10.5	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.785	—	—	1.58	6.24	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.92	—	—	1.16	4.46	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.52	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.38	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	0.187	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	0.187	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	7.3	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	7.3	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3.25	1400	—	—	—	3.25	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	2.93	1400	—	—	—	2.93	µg/L	N	U	R	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3.04	1400	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.58	3.7	—	—	—	3.58	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.23	3.7	—	—	—	3.23	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.34	3.7	—	—	—	3.34	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.444	733	—	—	—	0.444	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.401	733	—	—	—	0.401	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.415	733	—	—	—	0.415	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3.25	91	—	—	—	3.25	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	2.93	91	—	—	—	2.93	µg/L	N	U	R	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3.04	91	—	—	—	3.04	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.25	—	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.93	—	—	—	—	2.93	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.04	—	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.9	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.08	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.325	34.3	—	—	—	0.325	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.293	34.3	—	—	—	0.293	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.304	34.3	—	—	—	0.304	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	Y	1.12	50	—	—	—	1	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.28	—	—	1.97	8.3	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.5	—	—	1.07	3.19	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.325	885	—	—	—	0.325	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.293	885	—	—	—	0.293	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.304	885	—	—	—	0.304	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.325	200	—	—	—	0.325	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.293	200	—	—	—	0.293	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.304	200	—	—	—	0.304	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.325	0.0343	—	—	—	0.325	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.293	0.0343	—	—	—	0.293	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.304	0.0343	—	—	—	0.304	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3.25	7.9	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	2.93	7.9	—	—	—	2.93	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3.04	7.9	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	0.2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	0.2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	0.05	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	0.05	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3.25	600	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	600	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	2.93	600	—	—	—	2.93	µg/L	N	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	600	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3.04	600	—	—	—	3.04	µg/L	N	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3.25	—	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	2.93	—	—	—	—	2.93	µg/L	N	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3.04	—	—	—	—	3.04	µg/L	N	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3.25	75	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	75	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	2.93	75	—	—	—	2.93	µg/L	N	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	75	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3.04	75	—	—	—	3.04	µg/L	N	U	U	N3B-2023-72	CAWR-23-259203	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3.25	1.25	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	2.93	1.25	—	—	—	2.93	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3.04	1.25	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	25	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	25	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	—	—	0.667	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	—	—	0.667	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3.25	45.3	—	—	—	3.25	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	2.93	45.3	—	—	—	2.93	µg/L	N	U	R	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3.04	45.3	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	370	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	370	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.325	14800	—	—	—	0.325	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.293	14800	—	—	—	0.293	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.304	14800	—	—	—	0.304	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.325	612	—	—	—	0.325	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.293	612	—	—	—	0.293	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.304	612	—	—	—	0.304	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3.25	354	—	—	—	3.25	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	2.93	354	—	—	—	2.93	µg/L	N	U	R	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3.04	354	—	—	—	3.04	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.25	1.52	—	—	—	3.25	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.93	1.52	—	—	—	2.93	µg/L	N	U	R	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.04	1.52	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0805	2	—	—	—	0.0805	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0808	2	—	—	—	0.0808	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5.42	38.7	—	—	—	5.42	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	4.89	38.7	—	—	—	4.89	µg/L	N	U	R	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5.07	38.7	—	—	—	5.07	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3.25	2.37	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	2.93	2.37	—	—	—	2.93	µg/L	N	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0805	2.37	—	—	—	0.0805	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3.04	2.37	—	—	—	3.04	µg/L	N	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0808	2.37	—	—	—	0.0808	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3.25	0.485	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	2.93	0.485	—	—	—	2.93	µg/L	N	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0805	0.485	—	—	—	0.0805	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3.04	0.485	—	—	—	3.04	µg/L	N	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0808	0.485	—	—	—	0.0808	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3.25	7	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	2.93	7	—	—	—	2.93	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3.04	7	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3.25	4.59	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	2.93	4.59	—	—	—	2.93	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	4.59	—	—	—	0.1	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3.04	4.59	—	—	—	3.04	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	4.59	—	—	—	0.1	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3.25	122	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	2.93	122	—	—	—	2.93	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3.04	122	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.325	802	—	—	—	0.325	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.293	802	—	—	—	0.293	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.304	802	—	—	—	0.304	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.325	288	—	—	—	0.325	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.293	288	—	—	—	0.293	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.304	288	—	—	—	0.304	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.556	1.6	0.377	—	—	0.033	mg/L	Y	—	J	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.556	1.6	0.377	—	—	0.033	mg/L	Y	—	J	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	EPA:900.0	Gross alpha	GROSSA	N	-0.143	15	—	0.524	2.57	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.217	15	—	0.562	2.41	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	EPA:900.0	Gross beta	GROSSB	N	1.82	—	—	0.866	2.79	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	-0.0137	—	—	0.768	2.82	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.2	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	40	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3.25	1	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	2.93	1	—	—	—	2.93	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3.04	1	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3.25	1.39	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	2.93	1.39	—	—	—	2.93	µg/L	N	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3.04	1.39	—	—	—	3.04	µg/L	N	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3.25	50	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	2.93	50	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3.04	50	—	—	—	3.04	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3.25	3.28	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	2.93	3.28	—	—	—	2.93	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3.04	3.28	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	HMX	2691-41-0	N	0.0805	1000	—	—	—	0.0805	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	HMX	2691-41-0	N	0.0808	1000	—	—	—	0.0808	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.325	0.343	—	—	—	0.325	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.293	0.343	—	—	—	0.293	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.304	0.343	—	—	—	0.304	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.79	781	—	—	—	3.79	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.42	781	—	—	—	3.42	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.55	781	—	—	—	3.55	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.21	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.33	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259204	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 6	—	10/05/2022	WG	UF	INIT	FD	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	1240	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	1240	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.325	11.4	—	—	—	0.325	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.293	11.4	—	—	—	0.293	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.304	11.4	—	—	—	0.304	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.325	35.1	—	—	—	0.325	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.293	35.1	—	—	—	0.293	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.304	35.1	—	—	—	0.304	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3.25	930	—	—	—	3.25	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	2.93	930	—	—	—	2.93	µg/L	N	U	R	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3.04	930	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	4.01	—	—	—	—	4.01	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.62	—	—	—	—	3.62	µg/L	N	U	R	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.75	—	—	—	—	3.75	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.03	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.973	1000	2.5	—	—	0.2	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.325	1.17	—	—	—	0.325	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.293	1.17	—	—	—	0.293	µg/L	N	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.304	1.17	—	—	—	0.304	µg/L	N	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.83	—	—	2.82	9.79	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.36	—	—	2.34	6	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.377	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.379	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3.25	190	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	2.93	190	—	—	—	2.93	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3.04	190	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3.25	—	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	2.93	—	—	—	—	2.93	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3.04	—	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3.25	38	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	2.93	38	—	—	—	2.93	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3.04	38	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3.25	1.4	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.93	1.4	—	—	—	2.93	µg/L	N	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0805	1.4	—	—	—	0.0805	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3.04	1.4	—	—	—	3.04	µg/L	N	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0808	1.4	—	—	—	0.0808	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3.25	—	—	—	—	3.25	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	2.93	—	—	—	—	2.93	µg/L	N	U	R	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3.04	—	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3.25	—	—	—	—	3.25	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	2.93	—	—	—	—	2.93	µg/L	N	U	R	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3.04	—	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.25	0.0273	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.93	0.0273	—	—	—	2.93	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.04	0.0273	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.25	0.11	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.93	0.11	—	—	—	2.93	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.04	0.11	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3.25	0.00167	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	2.93	0.00167	—	—	—	2.93	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3.04	0.00167	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3.25	0.00491	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	2.93	0.00491	—	—	—	2.93	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3.04	0.00491	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3.25	0.37	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	2.93	0.37	—	—	—	2.93	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3.04	0.37	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0825	3.14	—	—	—	0.0825	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0828	3.14	—	—	—	0.0828	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0805	1.74	—	—	—	0.0805	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0808	1.74	—	—	—	0.0808	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.151	42.7	—	—	—	0.151	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.151	42.7	—	—	—	0.151	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.25	9.81	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.93	9.81	—	—	—	2.93	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.04	9.81	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3.25	3.07	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	2.93	3.07	—	—	—	2.93	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3.04	3.07	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3.25	1	—	—	—	3.25	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	2.93	1	—	—	—	2.93	µg/L	N	U	R	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3.04	1	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.262	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.266	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	PETN	78-11-5	N	0.101	170	—	—	—	0.101	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	PETN	78-11-5	N	0.101	170	—	—	—	0.101	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.325	170	—	—	—	0.325	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.293	170	—	—	—	0.293	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.304	170	—	—	—	0.304	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Phenol	108-95-2	N	3.25	5	—	—	—	3.25	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Phenol	108-95-2	N	2.93	5	—	—	—	2.93	µg/L	N	U	R	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3.04	5	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0195	—	—	0.0103	0.0489	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00483	—	—	0.00837	0.0485	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00731	—	—	0.0117	0.0517	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00241	—	—	0.0087	0.0512	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Potassium	K	Y	1.88	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	1.92	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-19	—	—	28.5	101	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-38.3	—	—	18.9	46.9	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3.25	250	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Prometon	1610-18-0	N	2.93	250	—	—	—	2.93	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3.04	250	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.325	117	—	—	—	0.325	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.293	117	—	—	—	0.293	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.304	117	—	—	—	0.304	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3.25	20	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Pyridine	110-86-1	N	2.93	20	—	—	—	2.93	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3.04	20	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.377	5	—	0.144	0.386	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.333	5	—	0.154	0.455	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.377	—	—	0.24	—	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.699	—	—	0.255	—	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	-0.17	5	—	0.193	0.762	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.366	5	—	0.203	0.642	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	RDX	121-82-4	N	0.0805	9.66	—	—	—	0.0805	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	RDX	121-82-4	N	0.0808	9.66	—	—	—	0.0808	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259204	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	68.3	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	68.9	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Sodium	Na	Y	9.1	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	9.24	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.167	—	—	1.83	7.26	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.792	—	—	1.12	4.6	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	138	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	130	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Strontium	Sr	Y	54.4	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	55.1	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.191	8	—	0.146	0.489	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.416	8	—	0.161	0.49	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.39	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.39	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3.25	20	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	2.93	20	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3.04	20	—	—	—	3.04	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	TATB	3058-38-6	N	0.302	—	—	—	—	0.302	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	TATB	3058-38-6	N	0.303	—	—	—	—	0.303	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.25	1.66	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.93	1.66	—	—	—	2.93	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.04	1.66	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	5.74	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	5.74	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	10	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	10	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.25	240	—	—	—	3.25	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.93	240	—	—	—	2.93	µg/L	N	U	R	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.04	240	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tetryl	479-45-8	N	0.0805	39.4	—	—	—	0.0805	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tetryl	479-45-8	N	0.0808	39.4	—	—	—	0.0808	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	137	1000	161	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	120	1000	161	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0554	—	—	—	—	0.033	mg/L	Y	J	J-	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0415	—	—	—	—	0.033	mg/L	Y	J	J-	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.151	—	—	—	—	0.02	mg/L	Y	—	J	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.1	—	—	—	—	0.02	mg/L	Y	—	J	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.98	55000	—	—	—	2.98	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.98	55000	—	—	—	2.98	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3.25	70	—	—	—	3.25	µg/L	N	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	2.93	70	—	—	—	2.93	µg/L	N	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3.04	70	—	—	—	3.04	µg/L	N	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3.25	1170	—	—	—	3.25	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	2.93	1170	—	—	—	2.93	µg/L	N	U	R	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3.04	1170	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	RE	FD	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	3.25	11.9	—	—	—	3.25	µg/L	Y	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	2.93	11.9	—	—	—	2.93	µg/L	N	U	R	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	3.04	11.9	—	—	—	3.04	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	0.00835	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	0.00835	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	56	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	56	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.5	60	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.5	60	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0805	590	—	—	—	0.0805	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0808	590	—	—	—	0.0808	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0805	9.8	—	—	—	0.0805	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0808	9.8	—	—	—	0.0808	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.302	—	—	—	—	0.302	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.303	—	—	—	—	0.303	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.255	20000	—	0.874	2.972	—	pCi/L	Y	U	UJ	N3B-2023-136	CAWR-23-259207	ARSL
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.694	20000	—	0.953	3.01	—	pCi/L	Y	U	UJ	N3B-2023-136	CAWR-23-259203	ARSL
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	0.265	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.271	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.165	27.2	0.715	0.0285	0.0597	—	pCi/L	Y	—	NQ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.199	27.2	0.715	0.035	0.0862	—	pCi/L	Y	—	NQ	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0037	28.8	—	0.0098	0.0583	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0107	28.8	—	0.0107	0.0842	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.105	30	0.336	0.0204	0.0628	—	pCi/L	Y	—	NQ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.143	30	0.336	0.0275	0.0907	—	pCi/L	Y	—	NQ	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Vanadium	V	Y	7	63.1	11.4	—	—	1	µg/L	Y	—	J+	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	7.08	63.1	11.4	—	—	1	µg/L	Y	—	J+	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	193	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	193	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.5	193	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.5	193	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Zinc	Zn	N	3.3	10000	—	—	—	3.3	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	N	3.3	10000	—	—	—	3.3	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259204	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.556	—	—	—	—	0.556	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.556	—	—	—	—	0.556	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.334	—	—	—	—	0.334	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.386	535	—	—	—	0.386	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.386	—	—	—	—	0.386	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	2.99	14100	—	—	—	1.74	µg/L	Y	J	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.08	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.4	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00629	—	—	0.0166	0.101	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.089	1.9	—	—	—	0.089	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.089	1.9	—	—	—	0.089	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0182	—	—	—	—	0.017	mg/L	Y	J	J-	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	5.41	130	—	—	—	5.41	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.386	1720	—	—	—	0.386	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	2	10	—	—	—	2	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3.86	3	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3.86	1.2	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	28.6	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	5.02	0.00109	—	—	—	5.02	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.386	0.12	—	—	—	0.386	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.386	0.2	—	—	—	0.386	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.386	0.343	—	—	—	0.386	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.386	—	—	—	—	0.386	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.386	3.43	—	—	—	0.386	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	7.72	75000	—	—	—	7.72	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3.86	2000	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3.86	59	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	3.86	0.137	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.386	6	—	—	—	0.386	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3.86	—	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.386	160	—	—	—	0.386	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	10.8	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.724	—	—	1.53	5.64	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.41	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	0.187	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	7.3	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3.86	1400	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	4.25	3.7	—	—	—	4.25	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.528	733	—	—	—	0.528	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3.86	91	—	—	—	3.86	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.86	—	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.386	34.3	—	—	—	0.386	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.463	—	—	1.33	5.56	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.386	885	—	—	—	0.386	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.386	200	—	—	—	0.386	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.386	0.0343	—	—	—	0.386	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3.86	7.9	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	0.2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	0.05	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	600	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3.86	600	—	—	—	3.86	µg/L	N	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3.86	—	—	—	—	3.86	µg/L	N	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	75	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3.86	75	—	—	—	3.86	µg/L	N	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3.86	1.25	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	25	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	—	—	0.667	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3.86	45.3	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	370	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.386	14800	—	—	—	0.386	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.386	612	—	—	—	0.386	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3.86	354	—	—	—	3.86	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.86	1.52	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.089	2	—	—	—	0.089	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	6.44	38.7	—	—	—	6.44	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3.86	2.37	—	—	—	3.86	µg/L	N	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.089	2.37	—	—	—	0.089	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3.86	0.485	—	—	—	3.86	µg/L	N	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.089	0.485	—	—	—	0.089	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3.86	7	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3.86	4.59	—	—	—	3.86	µg/L	N	U	UJ	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	4.59	—	—	—	0.1	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3.86	122	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.386	802	—	—	—	0.386	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.386	288	—	—	—	0.386	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	N	0.033	1.6	0.377	—	—	0.033	mg/L	Y	U	U	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.18	15	—	0.739	2.41	—	pCi/L	Y	U	UJ	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	-0.852	—	—	0.716	2.72	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.5	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3.86	1	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3.86	1.39	—	—	—	3.86	µg/L	N	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3.86	50	—	—	—	3.86	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3.86	3.28	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	HMX	2691-41-0	N	0.089	1000	—	—	—	0.089	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.386	0.343	—	—	—	0.386	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	Y	135	1000	—	—	—	30	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	4.51	781	—	—	—	4.51	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.54	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	Y	60.2	200	—	—	—	2	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	1240	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.386	11.4	—	—	—	0.386	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.386	35.1	—	—	—	0.386	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3.86	930	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	4.76	—	—	—	—	4.76	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.05	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.386	1.17	—	—	—	0.386	µg/L	N	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.2	—	—	2.46	9.25	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.017	10	0.769	—	—	0.017	mg/L	Y	U	U	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3.86	190	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3.86	—	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3.86	38	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3.86	1.4	—	—	—	3.86	µg/L	N	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrobenzene	98-95-3	N	0.089	1.4	—	—	—	0.089	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3.86	—	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3.86	—	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.86	0.0273	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.86	0.11	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3.86	0.00167	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3.86	0.00491	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3.86	0.37	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0913	3.14	—	—	—	0.0913	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.089	1.74	—	—	—	0.089	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.167	42.7	—	—	—	0.167	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.86	9.81	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3.86	3.07	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3.86	1	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.09	13.8	0.414	—	—	0.05	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	PETN	78-11-5	N	0.111	170	—	—	—	0.111	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.386	170	—	—	—	0.386	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3.86	5	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0213	—	—	0.0108	0.0475	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00473	—	—	0.0082	0.0502	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.13	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-17.4	—	—	20.4	76.6	—	pCi/L	Y	U	UJ	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3.86	250	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.386	117	—	—	—	0.386	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3.86	20	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.67	5	—	0.187	0.357	—	pCi/L	Y	—	J+	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.67	—	—	0.239	—	—	pCi/L	Y	J	J+	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.114	5	—	0.149	0.595	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	RDX	121-82-4	N	0.089	9.66	—	—	—	0.089	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	85.5	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	12.3	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.414	—	—	1.14	4.49	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	54.4	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.275	8	—	0.117	0.478	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.71	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3.86	20	—	—	—	3.86	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	TATB	3058-38-6	N	0.334	—	—	—	—	0.334	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.86	1.66	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	5.74	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	10	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.86	240	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tetryl	479-45-8	N	0.089	39.4	—	—	—	0.089	µg/L	Y	U	UJ	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259218	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	140	1000	161	—	—	2.38	mg/L	Y	—	J	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.114	—	—	—	—	0.033	mg/L	Y	—	UJ	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	1.33	—	—	—	—	0.33	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0853	—	—	—	—	0.02	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.98	55000	—	—	—	2.98	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3.86	70	—	—	—	3.86	µg/L	N	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3.86	1170	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	3.86	11.9	—	—	—	3.86	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	0.00835	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	56	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.5	60	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.089	590	—	—	—	0.089	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.089	9.8	—	—	—	0.089	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.334	—	—	—	—	0.334	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.201	20000	—	0.874	2.826	—	pCi/L	Y	U	UJ	N3B-2023-136	CAWR-23-259217	ARSL
Spring 8A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.067	30	1.19	—	—	0.067	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0143	27.2	0.715	0.0198	0.0648	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00402	28.8	—	0.00697	0.0633	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.039	30	0.336	0.0139	0.0682	—	pCi/L	Y	U	UJ	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	4.27	63.1	11.4	—	—	1	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	193	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.5	193	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	3.5	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259218	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.486	—	—	—	—	0.486	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.486	—	—	—	—	0.486	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.291	—	—	—	—	0.291	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.311	535	—	—	—	0.311	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.311	—	—	—	—	0.311	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	3.72	14100	—	—	—	1.74	µg/L	Y	BJ	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.64	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.8	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0071	—	—	0.0112	0.057	—	pCi/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0777	1.9	—	—	—	0.0777	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0777	1.9	—	—	—	0.0777	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0489	—	—	—	—	0.017	mg/L	Y	J	U	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.35	130	—	—	—	4.35	µg/L	Y	U	UJ	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.311	1720	—	—	—	0.311	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	2	10	—	—	—	2	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3.11	3	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3.11	1.2	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	19	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	4.04	0.00109	—	—	—	4.04	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.311	0.12	—	—	—	0.311	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.311	0.2	—	—	—	0.311	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.311	0.343	—	—	—	0.311	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.311	—	—	—	—	0.311	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.311	3.43	—	—	—	0.311	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	6.22	75000	—	—	—	6.22	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3.11	2000	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 9	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3.11	59	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	3.11	0.137	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.311	6	—	—	—	0.311	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3.11	—	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.311	160	—	—	—	0.311	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	10.5	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.56	—	—	1.17	3.61	—	pCi/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.09	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	0.187	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	7.3	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3.11	1400	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.42	3.7	—	—	—	3.42	µg/L	Y	U	UJ	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.425	733	—	—	—	0.425	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3.11	91	—	—	—	3.11	µg/L	Y	U	UJ	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.11	—	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.311	34.3	—	—	—	0.311	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.566	—	—	1.19	4.73	—	pCi/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.311	885	—	—	—	0.311	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.311	200	—	—	—	0.311	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.311	0.0343	—	—	—	0.311	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3.11	7.9	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	0.2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	0.05	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3.11	600	—	—	—	3.11	µg/L	N	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	600	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3.11	—	—	—	—	3.11	µg/L	N	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3.11	75	—	—	—	3.11	µg/L	N	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	75	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3.11	1.25	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	25	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	—	—	0.667	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3.11	45.3	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	370	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.311	14800	—	—	—	0.311	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.311	612	—	—	—	0.311	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3.11	354	—	—	—	3.11	µg/L	Y	U	UJ	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.11	1.52	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0777	2	—	—	—	0.0777	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5.18	38.7	—	—	—	5.18	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0777	2.37	—	—	—	0.0777	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3.11	2.37	—	—	—	3.11	µg/L	N	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0777	0.485	—	—	—	0.0777	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3.11	0.485	—	—	—	3.11	µg/L	N	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3.11	7	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	4.59	—	—	—	0.1	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3.11	4.59	—	—	—	3.11	µg/L	N	U	UJ	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3.11	122	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.311	802	—	—	—	0.311	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.311	288	—	—	—	0.311	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.361	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	-0.189	15	—	0.469	2.24	—	pCi/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	1.26	—	—	0.874	2.9	—	pCi/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.1	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3.11	1	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3.11	1.39	—	—	—	3.11	µg/L	N	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3.11	50	—	—	—	3.11	µg/L	Y	U	UJ	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3.11	3.28	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	HMX	2691-41-0	N	0.0777	1000	—	—	—	0.0777	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.311	0.343	—	—	—	0.311	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.63	781	—	—	—	3.63	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.12	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	1240	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.311	11.4	—	—	—	0.311	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.311	35.1	—	—	—	0.311	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3.11	930	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.83	—	—	—	—	3.83	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.11	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.311	1.17	—	—	—	0.311	µg/L	N	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.8	—	—	1.94	6.64	—	pCi/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.177	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3.11	190	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC

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Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3.11	—	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3.11	38	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0777	1.4	—	—	—	0.0777	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3.11	1.4	—	—	—	3.11	µg/L	N	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3.11	—	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3.11	—	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.11	0.0273	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.11	0.11	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3.11	0.00167	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3.11	0.00491	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3.11	0.37	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0797	3.14	—	—	—	0.0797	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0777	1.74	—	—	—	0.0777	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.146	42.7	—	—	—	0.146	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.11	9.81	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3.11	3.07	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3.11	1	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.206	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	PETN	78-11-5	N	0.0971	170	—	—	—	0.0971	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.311	170	—	—	—	0.311	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3.11	5	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.02	—	—	0.012	0.0803	—	pCi/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.012	—	—	0.0106	0.0849	—	pCi/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	1.55	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-29.7	—	—	20.4	62.3	—	pCi/L	Y	U	UJ	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3.11	250	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.311	117	—	—	—	0.311	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3.11	20	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.468	5	—	0.139	0.256	—	pCi/L	Y	—	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.675	—	—	0.208	—	—	pCi/L	Y	J	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.206	5	—	0.155	0.52	—	pCi/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	RDX	121-82-4	N	0.0777	9.66	—	—	—	0.0777	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	75.1	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	11	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0918	—	—	0.733	3.12	—	pCi/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	131	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	52	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0506	8	—	0.136	0.48	—	pCi/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.94	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3.11	20	—	—	—	3.11	µg/L	Y	U	UJ	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	TATB	3058-38-6	N	0.291	—	—	—	—	0.291	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.11	1.66	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	5.74	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	10	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.11	240	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tetryl	479-45-8	N	0.0777	39.4	—	—	—	0.0777	µg/L	Y	U	UJ	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	116	1000	161	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0339	—	—	—	—	0.033	mg/L	Y	J	J-	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0852	—	—	—	—	0.02	mg/L	Y	—	J	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.98	55000	—	—	—	2.98	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3.11	70	—	—	—	3.11	µg/L	N	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3.11	1170	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	3.11	11.9	—	—	—	3.11	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	0.00835	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	56	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.5	60	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0777	590	—	—	—	0.0777	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0777	9.8	—	—	—	0.0777	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.291	—	—	—	—	0.291	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.266	20000	—	0.84	2.855	—	pCi/L	Y	U	UJ	N3B-2023-136	CAWR-23-259221	ARSL
Spring 9	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.144	30	1.19	—	—	0.067	µg/L	Y	J	J	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.166	27.2	0.715	0.0344	0.0667	—	pCi/L	Y	—	NQ	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.0124	28.8	—	0.011	0.0651	—	pCi/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.107	30	0.336	0.0219	0.0702	—	pCi/L	Y	—	NQ	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	7.59	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259222	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	193	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.5	193	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259221	GELC
Spring 9	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	3.49	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2023-70	CAWR-23-259222	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.521	—	—	—	—	0.521	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.521	—	—	—	—	0.521	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.313	—	—	—	—	0.313	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.285	535	—	—	—	0.285	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.285	—	—	—	—	0.285	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	2.75	14100	—	—	—	1.74	µg/L	Y	BJ	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.49	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.8	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00676	—	—	0.0117	0.0543	—	pCi/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0833	1.9	—	—	—	0.0833	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0833	1.9	—	—	—	0.0833	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0716	—	—	—	—	0.017	mg/L	Y	—	U	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	3.99	130	—	—	—	3.99	µg/L	Y	U	UJ	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.285	1720	—	—	—	0.285	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	2	10	—	—	—	2	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	2.85	3	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	2.85	1.2	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	10	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.7	0.00109	—	—	—	3.7	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.285	0.12	—	—	—	0.285	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.285	0.2	—	—	—	0.285	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.285	0.343	—	—	—	0.285	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.285	—	—	—	—	0.285	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.285	3.43	—	—	—	0.285	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	5.7	75000	—	—	—	5.7	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	2.85	2000	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	2.85	59	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	2.85	0.137	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.285	6	—	—	—	0.285	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	2.85	—	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.285	160	—	—	—	0.285	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	10.3	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.532	—	—	0.968	3.75	—	pCi/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	0.187	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	7.3	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	2.85	1400	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.13	3.7	—	—	—	3.13	µg/L	Y	U	UJ	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.389	733	—	—	—	0.389	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	2.85	91	—	—	—	2.85	µg/L	Y	U	UJ	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.85	—	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.285	34.3	—	—	—	0.285	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.807	—	—	0.87	3.89	—	pCi/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.285	885	—	—	—	0.285	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.285	200	—	—	—	0.285	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.285	0.0343	—	—	—	0.285	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	2.85	7.9	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	0.2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	0.05	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	2.85	600	—	—	—	2.85	µg/L	N	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	600	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	2.85	—	—	—	—	2.85	µg/L	N	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	2.85	75	—	—	—	2.85	µg/L	N	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	75	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	2.85	1.25	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	25	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	—	—	0.667	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	2.85	45.3	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	370	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.285	14800	—	—	—	0.285	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.285	612	—	—	—	0.285	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	2.85	354	—	—	—	2.85	µg/L	Y	U	UJ	N3B-2023-70	CAWR-23-259225	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.85	1.52	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0833	2	—	—	—	0.0833	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	4.75	38.7	—	—	—	4.75	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0833	2.37	—	—	—	0.0833	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	2.85	2.37	—	—	—	2.85	µg/L	N	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0833	0.485	—	—	—	0.0833	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	2.85	0.485	—	—	—	2.85	µg/L	N	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	2.85	7	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	4.59	—	—	—	0.1	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	2.85	4.59	—	—	—	2.85	µg/L	N	U	UJ	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	2.85	122	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.285	802	—	—	—	0.285	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.285	288	—	—	—	0.285	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.357	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.44	15	—	0.82	2.56	—	pCi/L	Y	U	UJ	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	1.97	—	—	0.875	2.79	—	pCi/L	Y	U	UJ	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.5	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	2.85	1	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	2.85	1.39	—	—	—	2.85	µg/L	N	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	2.85	50	—	—	—	2.85	µg/L	Y	U	UJ	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	2.85	3.28	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	HMX	2691-41-0	N	0.0833	1000	—	—	—	0.0833	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.285	0.343	—	—	—	0.285	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.32	781	—	—	—	3.32	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.1	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	1240	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.285	11.4	—	—	—	0.285	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.285	35.1	—	—	—	0.285	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	2.85	930	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.51	—	—	—	—	3.51	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.3	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.285	1.17	—	—	—	0.285	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.0194	—	—	2.18	7.77	—	pCi/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.274	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	2.85	190	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	2.85	—	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	2.85	38	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0833	1.4	—	—	—	0.0833	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.85	1.4	—	—	—	2.85	µg/L	N	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	2.85	—	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	2.85	—	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.85	0.0273	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.85	0.11	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	2.85	0.00167	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	2.85	0.00491	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	2.85	0.37	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0854	3.14	—	—	—	0.0854	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0833	1.74	—	—	—	0.0833	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.156	42.7	—	—	—	0.156	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.85	9.81	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	2.85	3.07	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	2.85	1	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.217	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.623	401	—	—	—	0.623	ng/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.756	60	—	—	—	0.756	ng/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.756	60	—	—	—	0.756	ng/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	PETN	78-11-5	N	0.104	170	—	—	—	0.104	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.285	170	—	—	—	0.285	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	2.85	5	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	—	—	0.00827	0.0525	—	pCi/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0157	—	—	0.0083	0.0555	—	pCi/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	1.45	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	17.8	—	—	17.8	59.4	—	pCi/L	Y	U	UJ	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	2.85	250	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.285	117	—	—	—	0.285	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	2.85	20	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.379	5	—	0.134	0.29	—	pCi/L	Y	—	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.707	—	—	0.277	—	—	pCi/L	Y	J	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.328	5	—	0.242	0.8	—	pCi/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	RDX	121-82-4	N	0.0833	9.66	—	—	—	0.0833	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	75.1	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	11.2	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.924	—	—	1	3.53	—	pCi/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	128	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	51.6	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0308	8	—	0.134	0.494	—	pCi/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.9	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	2.85	20	—	—	—	2.85	µg/L	Y	U	UJ	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	TATB	3058-38-6	N	0.313	—	—	—	—	0.313	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.85	1.66	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	5.74	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	10	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.85	240	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tetryl	479-45-8	N	0.0833	39.4	—	—	—	0.0833	µg/L	Y	U	UJ	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	117	1000	161	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	UJ	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.113	—	—	—	—	0.02	mg/L	Y	—	J	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.98	55000	—	—	—	2.98	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	2.85	70	—	—	—	2.85	µg/L	N	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	2.85	1170	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	2.85	11.9	—	—	—	2.85	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	0.00835	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	56	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.5	60	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0833	590	—	—	—	0.0833	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0833	9.8	—	—	—	0.0833	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIVES	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.313	—	—	—	—	0.313	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.828	20000	—	0.876	2.886	—	pCi/L	Y	U	UJ	N3B-2023-136	CAWR-23-259225	ARSL
Spring 9A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.203	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.135	27.2	0.715	0.0274	0.0573	—	pCi/L	Y	—	NQ	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00356	28.8	—	0.00941	0.056	—	pCi/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0633	30	0.336	0.0171	0.0603	—	pCi/L	Y	—	NQ	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	7.91	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259226	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	193	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.5	193	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-70	CAWR-23-259225	GELC
Spring 9A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	3.69	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2023-70	CAWR-23-259226	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	4.66	14100	—	—	—	1.74	µg/L	Y	BJ	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.2	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	122	—	—	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0185	—	—	0.0146	0.0729	—	pCi/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	—	0.017	mg/L	Y	U	UJ	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.05	10	—	—	—	2	µg/L	Y	J	J	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	110	2000	—	—	—	1	µg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	54.7	750	—	—	—	15	µg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.136	—	—	—	—	0.067	mg/L	Y	J	J	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	35.1	—	—	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.76	—	—	1.21	3.57	—	pCi/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.62	250	—	—	—	0.067	mg/L	Y	—	J+	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	0.187	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	7.3	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.15	—	—	1.48	6.36	—	pCi/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	0.2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	0.05	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	600	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC

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Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	75	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	25	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	—	—	0.667	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	370	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.257	1.6	—	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	Y	7.01	15	—	1.51	2.89	—	pCi/L	Y	—	NQ	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	7.81	—	—	1.2	2.65	—	pCi/L	Y	—	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	93.5	—	—	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	1.41	—	—	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	1240	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.59	1000	—	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.13	—	—	2.65	8.95	—	pCi/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.64	10	—	—	—	0.085	mg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.716	13.8	—	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0446	—	—	0.0175	0.064	—	pCi/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0191	—	—	0.018	0.0676	—	pCi/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.79	—	—	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-37	—	—	22.7	70.4	—	pCi/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.521	5	—	0.168	0.332	—	pCi/L	Y	—	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.898	—	—	0.307	—	—	pCi/L	Y	J	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.377	5	—	0.256	0.841	—	pCi/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	30.1	—	—	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	29.9	—	—	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.187	—	—	1.29	5.23	—	pCi/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	288	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	830	11800	—	—	—	1	µg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0299	8	—	0.0858	0.29	—	pCi/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	14	600	—	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	5.74	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	10	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	198	1000	—	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.165	—	—	—	—	0.033	mg/L	Y	—	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0722	—	—	—	—	0.02	mg/L	Y	—	U	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.98	55000	—	—	—	2.98	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	7	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	70	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	0.00835	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	56	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.5	60	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.012	20000	—	0.913	3.091	—	pCi/L	Y	U	UJ	N3B-2023-136	CAWR-23-259038	ARSL
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	8.86	30	—	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	4.74	27.2	—	0.264	0.0552	—	pCi/L	Y	—	NQ	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.199	28.8	—	0.0291	0.0539	—	pCi/L	Y	—	NQ	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	2.78	30	—	0.165	0.0581	—	pCi/L	Y	—	NQ	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	3.86	63.1	—	—	—	1	µg/L	Y	J	J	N3B-2023-116	CAWR-23-259039	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	193	—	—	—	0.333	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.5	193	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-116	CAWR-23-259038	GELC
Upper La Mesita	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	7.49	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2023-116	CAWR-23-259039	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	—	—	0.01	SU	Y	H	J	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	0.725	—	—	—	—	0.725	mg/L	Y	U	U	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	89.3	—	62	—	—	0.725	mg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00206	—	—	0.00694	0.0655	—	pCi/L	Y	U	U	N3B-2023-3139	CALA-23-287706	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	—	0.017	mg/L	Y	U	UJ	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.57	10	—	—	—	2	µg/L	Y	J	J	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	38.5	2000	13.5	—	—	1	µg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	16.4	750	—	—	—	15	µg/L	Y	J	J	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.168	—	—	—	—	0.067	mg/L	Y	J	J+	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	29.7	—	10.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.366	—	—	1.23	3.96	—	pCi/L	Y	U	U	N3B-2023-3139	CALA-23-287706	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	16.4	250	3.11	—	—	0.335	mg/L	Y	—	J+	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.963	—	—	1.51	6.12	—	pCi/L	Y	U	U	N3B-2023-3139	CALA-23-287706	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2023-3139	CALA-23-287706	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.473	1.6	0.234	—	—	0.033	mg/L	Y	—	J+	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	Y	2.93	15	—	0.96	2.4	—	pCi/L	Y	—	NQ	N3B-2023-3139	CALA-23-287706	GELC
Vine Tree Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	3.32	—	—	0.882	2.38	—	pCi/L	Y	—	NQ	N3B-2023-3139	CALA-23-287706	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	109	—	37.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	8.55	—	3.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2023-3139	CALA-23-287706	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	2.03	1000	2.9	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.51	—	—	2.63	9.82	—	pCi/L	Y	U	U	N3B-2023-3139	CALA-23-287706	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	3.65	—	—	0.6	µg/L	Y	U	U	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.95	10	0.459	—	—	0.085	mg/L	Y	—	J+	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	5.75	13.8	0.27	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287707	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	NMED GW CONS Limit	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Units	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Vine Tree Spring	—	06/20/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	3.6	401	—	—	—	0.604	ng/L	Y	—	NQ	N3B-2023-3139	CALA-23-287706	GELC
Vine Tree Spring	—	06/20/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	9.57	60	—	—	—	0.732	ng/L	Y	—	NQ	N3B-2023-3139	CALA-23-287706	GELC
Vine Tree Spring	—	06/20/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	3.6	60	—	—	—	0.732	ng/L	Y	—	NQ	N3B-2023-3139	CALA-23-287706	GELC
Vine Tree Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00441	—	—	0.00951	0.0602	—	pCi/L	Y	U	U	N3B-2023-3139	CALA-23-287706	GELC
Vine Tree Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00479	—	—	0.0119	0.0621	—	pCi/L	Y	U	U	N3B-2023-3139	CALA-23-287706	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	3.61	—	2.35	—	—	0.05	mg/L	Y	—	J+	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	5.46	—	—	17.7	70.5	—	pCi/L	Y	U	U	N3B-2023-3139	CALA-23-287706	GELC
Vine Tree Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	2.16	5	—	0.494	0.6	—	pCi/L	Y	—	NQ	N3B-2023-3139	CALA-23-287706	GELC
Vine Tree Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	2.16	—	—	0.527	—	—	pCi/L	Y	J	J	N3B-2023-3139	CALA-23-287706	GELC
Vine Tree Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.125	5	—	0.184	0.737	—	pCi/L	Y	U	U	N3B-2023-3139	CALA-23-287706	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	39.4	—	75	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	14.4	—	18.2	—	—	0.1	mg/L	Y	—	J+	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.3	—	—	1.29	5.5	—	pCi/L	Y	U	U	N3B-2023-3139	CALA-23-287706	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	325	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	143	11800	59.6	—	—	1	µg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.312	8	—	0.146	0.464	—	pCi/L	Y	U	UJ	N3B-2023-3139	CALA-23-287706	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	21.6	600	7.1	—	—	0.665	mg/L	Y	—	J+	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	187	1000	—	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	UJ	N3B-2023-3139	CALA-23-287706	GELC
Vine Tree Spring	—	06/20/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.413	—	—	—	—	0.33	mg/L	Y	J	J	N3B-2023-3139	CALA-23-287706	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.027	—	—	—	—	0.02	mg/L	Y	J	J	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	2.17	30	0.992	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.31	27.2	0.477	0.0899	0.0681	—	pCi/L	Y	—	NQ	N3B-2023-3139	CALA-23-287706	GELC
Vine Tree Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0621	28.8	—	0.0165	0.0649	—	pCi/L	Y	U	UJ	N3B-2023-3139	CALA-23-287706	GELC
Vine Tree Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.728	30	0.201	0.0583	0.0654	—	pCi/L	Y	—	NQ	N3B-2023-3139	CALA-23-287706	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	6.31	63.1	9.29	—	—	1	µg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287707	GELC
Vine Tree Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	8.42	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2023-3139	CALA-23-287707	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAO-1.6g	10.47	07/18/2007	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.76	—	—	0.01	SU	Y	H	J	190027	GF070700G16G01	GELC
LAO-1.6g	10.47	01/14/2008	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.74	—	—	0.01	SU	Y	H	J-	08-487	CALA-08-9761	GELC
LAO-1.6g	10.47	08/27/2008	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.79	—	—	0.01	SU	Y	H	J-	08-1791	CALA-08-13827	GELC
LAO-1.6g	10.47	07/16/2009	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.68	—	—	0.01	SU	Y	H	J-	09-2667	CALA-09-11115	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.91	—	—	0.01	SU	Y	H	J	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	07/18/2007	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.3	—	—	0.725	mg/L	Y	—	NQ	190027	GF070700G16G01	GELC
LAO-1.6g	10.47	01/14/2008	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.1	—	—	0.73	mg/L	Y	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	10.47	08/27/2008	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.1	—	—	0.73	mg/L	Y	—	NQ	08-1791	CALA-08-13827	GELC
LAO-1.6g	10.47	07/16/2009	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.1	—	—	0.73	mg/L	Y	—	NQ	09-2667	CALA-09-11115	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	45.7	—	—	0.725	mg/L	Y	—	NQ	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/19/2001	WG	UF	INIT	REG	RAD	Generic:Gamma Spec.	Americium-241	Am-241	N	-0.1	4.35	7.2	—	pCi/L	Y	U	U	9035R	CALA-01-0220	PARA
LAO-1.6g	10.47	06/19/2001	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.009	0.013	0.052	—	pCi/L	Y	U	U	9035R	CALA-01-0220	PARA
LAO-1.6g	10.47	11/08/2001	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0241	0.0082	0.0073	—	pCi/L	Y	—	U	184S	CALA-01-0476	GELC
LAO-1.6g	10.47	08/01/2006	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	Y	0.0385	0.0123	0.0304	—	pCi/L	Y	—	J	168446	GU060700G16G01	GELC
LAO-1.6g	10.47	07/18/2007	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.000914	0.00208	0.0336	—	pCi/L	Y	U	U	190027	GU070700G16G01	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0167	0.00884	0.0515	—	pCi/L	Y	U	UJ	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	07/18/2007	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	1.5	—	—	1.5	µg/L	Y	U	UJ	190027	GF070700G16G01	GELC
LAO-1.6g	10.47	01/14/2008	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	1.9	—	—	1.5	µg/L	Y	J	U	08-487	CALA-08-9761	GELC
LAO-1.6g	10.47	08/27/2008	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	08-1791	CALA-08-13827	GELC
LAO-1.6g	10.47	07/16/2009	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	09-2667	CALA-09-11115	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.67	—	—	2	µg/L	Y	J	J	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	07/18/2007	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	50.4	—	—	1	µg/L	Y	—	NQ	190027	GF070700G16G01	GELC
LAO-1.6g	10.47	01/14/2008	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	48	—	—	1	µg/L	Y	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	10.47	08/27/2008	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	52.4	—	—	1	µg/L	Y	—	NQ	08-1791	CALA-08-13827	GELC
LAO-1.6g	10.47	07/16/2009	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	69.9	—	—	1	µg/L	Y	—	NQ	09-2667	CALA-09-11115	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	99.5	—	—	1	µg/L	Y	—	NQ	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	07/18/2007	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	17.5	—	—	10	µg/L	Y	J	J	190027	GF070700G16G01	GELC
LAO-1.6g	10.47	01/14/2008	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	N	50	—	—	10	µg/L	Y	U	U	08-487	CALA-08-9761	GELC
LAO-1.6g	10.47	08/27/2008	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	14.4	—	—	10	µg/L	Y	J	J	08-1791	CALA-08-13827	GELC
LAO-1.6g	10.47	07/16/2009	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	18	—	—	15	µg/L	Y	J	J	09-2667	CALA-09-11115	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	21.1	—	—	15	µg/L	Y	J	J	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	07/18/2007	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	15.8	—	—	0.03	mg/L	Y	—	NQ	190027	GF070700G16G01	GELC
LAO-1.6g	10.47	01/14/2008	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	16	—	—	0.03	mg/L	Y	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	10.47	08/27/2008	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	17.6	—	—	0.03	mg/L	Y	—	NQ	08-1791	CALA-08-13827	GELC
LAO-1.6g	10.47	07/16/2009	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	22.2	—	—	0.05	mg/L	Y	—	NQ	09-2667	CALA-09-11115	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	33.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/19/2001	WG	UF	INIT	REG	RAD	Generic:Gamma Spec.	Cesium-137	Cs-137	N	5.2	4.8	7.2	—	pCi/L	Y	U	U	9035R	CALA-01-0220	PARA
LAO-1.6g	10.47	11/08/2001	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0	0.73	2.9	—	pCi/L	Y	U	U	184S	CALA-01-0476	GELC
LAO-1.6g	10.47	08/01/2006	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	8.66	2.79	3.4	—	pCi/L	Y	UI	R	168446	GU060700G16G01	GELC
LAO-1.6g	10.47	07/18/2007	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	15.6	3.16	4.14	—	pCi/L	Y	UI	R	190027	GU070700G16G01	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.03	1.2	4.03	—	pCi/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	07/18/2007	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	43.5	—	—	0.33	mg/L	Y	—	NQ	190027	GF070700G16G01	GELC
LAO-1.6g	10.47	01/14/2008	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	44.4	—	—	0.33	mg/L	Y	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	10.47	08/27/2008	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	41.5	—	—	0.33	mg/L	Y	—	NQ	08-1791	CALA-08-13827	GELC
LAO-1.6g	10.47	07/16/2009	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	78.2	—	—	0.66	mg/L	Y	—	NQ	09-2667	CALA-09-11115	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	167	—	—	3.35	mg/L	Y	—	NQ	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/19/2001	WG	UF	INIT	REG	RAD	Generic:Gamma Spec.	Cobalt-60	Co-60	N	-4	6	10	—	pCi/L	Y	U	U	9035R	CALA-01-0220	PARA
LAO-1.6g	10.47	11/08/2001	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.963	0.6	2.4	—	pCi/L	Y	U	U	184S	CALA-01-0476	GELC
LAO-1.6g	10.47	08/01/2006	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.943	1.09	4.21	—	pCi/L	Y	U	U	168446	GU060700G16G01	GELC
LAO-1.6g	10.47	07/18/2007	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0195	1.61	5.37	—	pCi/L	Y	U	U	190027	GU070700G16G01	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.346	0.959	3.72	—	pCi/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	07/18/2007	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.312	—	—	0.033	mg/L	Y	—	NQ	190027	GF070700G16G01	GELC
LAO-1.6g	10.47	01/14/2008	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.312	—	—	0.033	mg/L	Y	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	10.47	08/27/2008	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.276	—	—	0.033	mg/L	Y	—	NQ	08-1791	CALA-08-13827	GELC
LAO-1.6g	10.47	07/16/2009	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.264	—	—	0.033	mg/L	Y	—	NQ	09-2667	CALA-09-11115	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.196	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	04/10/1997	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.85	0.4	1.09	—	pCi/L	Y	J	NQ	3054R	04LA-97-0001	RFWC
LAO-1.6g	10.47	08/01/2006	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.164	0.312	1.48	—	pCi/L	Y	U	U	168446	GU060700G16G01	GELC
LAO-1.6g	10.47	07/18/2007	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.987	0.529	1.6	—	pCi/L	Y	U	U	190027	GU070700G16G01	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.0668	0.527	2.4	—	pCi/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	04/10/1997	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	7.38	0.51	1.29	—	pCi/L	Y	—	NQ	3054R	04LA-97-0001	RFWC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAO-1.6g	10.47	08/01/2006	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	7.2	0.769	1.53	—	pCi/L	Y	—	NQ	168446	GU060700G16G01	GELC
LAO-1.6g	10.47	07/18/2007	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.91	0.942	1.93	—	pCi/L	Y	—	NQ	190027	GU070700G16G01	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	9	1.23	2.67	—	pCi/L	Y	—	NQ	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	07/18/2007	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.1	—	—	0.425	mg/L	Y	—	NQ	190027	GF070700G16G01	GELC
LAO-1.6g	10.47	01/14/2008	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59	—	—	0.43	mg/L	Y	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	10.47	08/27/2008	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.3	—	—	0.35	mg/L	Y	—	NQ	08-1791	CALA-08-13827	GELC
LAO-1.6g	10.47	07/16/2009	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	81.1	—	—	0.35	mg/L	Y	—	NQ	09-2667	CALA-09-11115	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	123	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	07/18/2007	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.49	—	—	0.085	mg/L	Y	—	NQ	190027	GF070700G16G01	GELC
LAO-1.6g	10.47	01/14/2008	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.64	—	—	0.085	mg/L	Y	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	10.47	08/27/2008	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	4.96	—	—	0.085	mg/L	Y	E	NQ	08-1791	CALA-08-13827	GELC
LAO-1.6g	10.47	07/16/2009	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	6.24	—	—	0.085	mg/L	Y	E	NQ	09-2667	CALA-09-11115	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	9.79	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	07/18/2007	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Molybdenum	Mo	Y	91.9	—	—	2	µg/L	Y	—	NQ	190027	GF070700G16G01	GELC
LAO-1.6g	10.47	01/14/2008	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Molybdenum	Mo	Y	84.2	—	—	2	µg/L	Y	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	10.47	08/27/2008	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	27.3	—	—	0.1	µg/L	Y	—	NQ	08-1791	CALA-08-13827	GELC
LAO-1.6g	10.47	07/16/2009	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	49.4	—	—	0.1	µg/L	Y	—	NQ	09-2667	CALA-09-11115	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	32.6	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	03/29/2001	WG	UF	INIT	REG	RAD	Generic:Gamma Spec.	Neptunium-237	Np-237	N	-14	15	25	—	pCi/L	Y	U	U	8547R	CALA-01-0054	PARA
LAO-1.6g	10.47	06/19/2001	WG	UF	INIT	REG	RAD	Generic:Gamma Spec.	Neptunium-237	Np-237	N	-8	12	20	—	pCi/L	Y	U	U	9035R	CALA-01-0220	PARA
LAO-1.6g	10.47	08/01/2006	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.25	7.28	24.4	—	pCi/L	Y	U	U	168446	GU060700G16G01	GELC
LAO-1.6g	10.47	07/18/2007	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.53	12.5	40.5	—	pCi/L	Y	U	U	190027	GU070700G16G01	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.9	2.01	6.94	—	pCi/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	07/18/2007	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.01	—	—	0.01	mg/L	Y	U	UJ	190027	GF070700G16G01	GELC
LAO-1.6g	10.47	01/14/2008	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.105	—	—	0.01	mg/L	Y	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	10.47	08/27/2008	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.0876	—	—	0.01	mg/L	Y	—	U	08-1791	CALA-08-13827	GELC
LAO-1.6g	10.47	07/16/2009	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.05	—	—	0.01	mg/L	Y	U	U	09-2667	CALA-09-11115	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.269	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	07/18/2007	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.133	—	—	0.05	µg/L	Y	J	J	190027	GF070700G16G01	GELC
LAO-1.6g	10.47	07/18/2007	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:314.0	Perchlorate	ClO4	N	4	—	—	4	µg/L	Y	U	U	190027	GF070700G16G01	GELC
LAO-1.6g	10.47	01/14/2008	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.192	—	—	0.05	µg/L	Y	J	J	08-487	CALA-08-9761	GELC
LAO-1.6g	10.47	08/27/2008	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.274	—	—	0.05	µg/L	Y	—	NQ	08-1791	CALA-08-13827	GELC
LAO-1.6g	10.47	07/16/2009	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.139	—	—	0.05	µg/L	Y	J	J	09-2667	CALA-09-11115	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.342	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	3.04	—	—	0.563	ng/L	Y	—	NQ	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	3.89	—	—	0.682	ng/L	Y	—	NQ	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/19/2001	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0019	0.0045	0.023	—	pCi/L	Y	U	U	9035R	CALA-01-0220	PARA
LAO-1.6g	10.47	11/08/2001	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00396	0.004	0.011	—	pCi/L	Y	U	U	184S	CALA-01-0476	GELC
LAO-1.6g	10.47	08/01/2006	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00752	0.00922	0.0361	—	pCi/L	Y	U	U	168446	GU060700G16G01	GELC
LAO-1.6g	10.47	07/18/2007	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00106	0.00522	0.0236	—	pCi/L	Y	U	U	190027	GU070700G16G01	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00553	0.00783	0.0564	—	pCi/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/19/2001	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.003	0.005	0.023	—	pCi/L	Y	U	U	9035R	CALA-01-0220	PARA
LAO-1.6g	10.47	11/08/2001	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.05	0.01	0.1	—	pCi/L	Y	U	U	184S	CALA-01-0476	GELC
LAO-1.6g	10.47	08/01/2006	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0489	0.0157	0.0421	—	pCi/L	Y	U	U	168446	GU060700G16G01	GELC
LAO-1.6g	10.47	07/18/2007	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0053	0.00477	0.0216	—	pCi/L	Y	U	U	190027	GU070700G16G01	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00677	0.0582	—	pCi/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	07/18/2007	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.85	—	—	0.05	mg/L	Y	—	NQ	190027	GF070700G16G01	GELC
LAO-1.6g	10.47	01/14/2008	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.84	—	—	0.05	mg/L	Y	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	10.47	08/27/2008	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	4.48	—	—	0.05	mg/L	Y	—	NQ	08-1791	CALA-08-13827	GELC
LAO-1.6g	10.47	07/16/2009	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	5.83	—	—	0.05	mg/L	Y	—	NQ	09-2667	CALA-09-11115	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	6.54	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/19/2001	WG	UF	INIT	REG	RAD	Generic:Gamma Spec.	Potassium-40	K-40	N	90	80	120	—	pCi/L	Y	U	U	9035R	CALA-01-0220	PARA
LAO-1.6g	10.47	11/08/2001	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0	15	22	—	pCi/L	Y	U	U	184S	CALA-01-0476	GELC
LAO-1.6g	10.47	08/01/2006	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	42.7	17.3	32.9	—	pCi/L	Y	UI	R	168446	GU060700G16G01	GELC
LAO-1.6g	10.47	07/18/2007	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	16.8	18.9	50	—	pCi/L	Y	U	U	190027	GU070700G16G01	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	9.83	17	30.7	—	pCi/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/23/2000	WG	UF	INIT	FD	RAD	Generic:Gamma Spec.	Radium-226	Ra-226	N	-80	100	54	—	pCi/L	Y	U	U	6924R	CALA-00-0047	PARA
LAO-1.6g	10.47	06/23/2000	WG	UF	INIT	REG	RAD	Generic:Gamma Spec.	Radium-226	Ra-226	N	-60	110	58	—	pCi/L	Y	U	U	6920R	CALA-00-0039	PARA
LAO-1.6g	10.47	03/29/2001	WG	UF	INIT	REG	RAD	Generic:Gamma Spec.	Radium-226	Ra-226	N	-50	65	110	—	pCi/L	Y	U	U	8547R	CALA-01-0054	PARA
LAO-1.6g	10.47	06/19/2001	WG	UF	INIT	REG	RAD	Generic:Gamma Spec.	Radium-226	Ra-226	N	20	105	170	—	pCi/L	Y	U	U	9035R	CALA-01-0220	PARA
LAO-1.6g	10.47	11/08/2001	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	5.56	2.3	4.3	—	pCi/L	Y	—	U	184S	CALA-01-0476	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.945	0.191	0.226	—	pCi/L	Y	—	J+	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.953	0.274	—	—	pCi/L	Y	J	J+	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.00815	0.196	0.72	—	pCi/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	07/18/2007	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	42.7	—	—	0.032	mg/L	Y	—	NQ	190027	GF070700G16G01	GELC
LAO-1.6g	10.47	01/14/2008	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	42.2	—	—	0.032	mg/L	Y	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	10.47	08/27/2008	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	37.6	—	—	0.032	mg/L	Y	—	NQ	08-1791	CALA-08-13827	GELC
LAO-1.6g	10.47	07/16/2009	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	42.5	—	—	0.053	mg/L	Y	—	NQ	09-2667	CALA-09-11115	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	38.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	07/18/2007	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	37.5	—	—	0.045	mg/L	Y	—	NQ	190027	GF070700G16G01	GELC
LAO-1.6g	10.47	01/14/2008	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	35.9	—	—	0.045	mg/L	Y	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	10.47	08/27/2008	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	35.3	—	—	0.045	mg/L	Y	—	NQ	08-1791	CALA-08-13827	GELC
LAO-1.6g	10.47	07/16/2009	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	44.7	—	—	0.1	mg/L	Y	—	NQ	09-2667	CALA-09-11115	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	60.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/19/2001	WG	UF	INIT	REG	RAD	Generic:Gamma Spec.	Sodium-22	Na-22	N	0	4.95	8.1	—	pCi/L	Y	U	U	9035R	CALA-01-0220	PARA
LAO-1.6g	10.47	11/08/2001	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.284	0.65	2.4	—	pCi/L	Y	U	U	184S	CALA-01-0476	GELC
LAO-1.6g	10.47	08/01/2006	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.27	0.924	3.51	—	pCi/L	Y	U	U	168446	GU060700G16G01	GELC
LAO-1.6g	10.47	07/18/2007	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.759	1.66	5.31	—	pCi/L	Y	U	U	190027	GU070700G16G01	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0276	0.831	3.44	—	pCi/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	07/18/2007	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	325	—	—	1	µS/cm	Y	—	NQ	190027	GF070700G16G01	GELC
LAO-1.6g	10.47	01/14/2008	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	318	—	—	1	µS/cm	Y	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	10.47	08/27/2008	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	324	—	—	1	µS/cm	Y	—	NQ	08-1791	CALA-08-13827	GELC
LAO-1.6g	10.47	07/16/2009	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	399	—	—	1	µS/cm	Y	—	NQ	09-2667	CALA-09-11115	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	652	—	—	1	µS/cm	Y	—	NQ	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	07/18/2007	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	108	—	—	1	µg/L	Y	—	NQ	190027	GF070700G16G01	GELC
LAO-1.6g	10.47	01/14/2008	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	106	—	—	1	µg/L	Y	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	10.47	08/27/2008	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	112	—	—	1	µg/L	Y	—	NQ	08-1791	CALA-08-13827	GELC
LAO-1.6g	10.47	07/16/2009	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	147	—	—	1	µg/L	Y	—	NQ	09-2667	CALA-09-11115	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	222	—	—	1	µg/L	Y	—	NQ	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/19/2001	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.8	0.7	2.6	—	pCi/L	Y	U	U	9035R	CALA-01-0220	PARA
LAO-1.6g	10.47	11/08/2001	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	0.387	0.097	0.25	—	pCi/L	Y	—	NQ	184S	CALA-01-0476	GELC
LAO-1.6g	10.47	08/01/2006	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0222	0.0634	0.22	—	pCi/L	Y	U	U	168446	GU060700G16G01	GELC
LAO-1.6g	10.47	07/18/2007	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.125	0.12	0.398	—	pCi/L	Y	U	U	190027	GU070700G16G01	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.216	0.148	0.493	—	pCi/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	07/18/2007	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	190027	GF070700G16G01	GELC
LAO-1.6g	10.47	01/14/2008	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	10.47	08/27/2008	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	11.3	—	—	0.1	mg/L	Y	—	J-	08-1791	CALA-08-13827	GELC
LAO-1.6g	10.47	07/16/2009	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.76	—	—	0.1	mg/L	Y	—	NQ	09-2667	CALA-09-11115	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	17.8	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	07/18/2007	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	204	—	—	2.38	mg/L	Y	—	NQ	190027	GF070700G16G01	GELC
LAO-1.6g	10.47	01/14/2008	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	200	—	—	2.4	mg/L	Y	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	10.47	08/27/2008	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	213	—	—	2.4	mg/L	Y	—	NQ	08-1791	CALA-08-13827	GELC
LAO-1.6g	10.47	07/16/2009	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	268	—	—	2.4	mg/L	Y	—	NQ	09-2667	CALA-09-11115	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	324	—	—	2.38	mg/L	Y	—	J	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	08/01/2006	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.136	—	—	0.01	mg/L	Y	—	NQ	168446	GU060700G16G01	GELC
LAO-1.6g	10.47	04/10/2007	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.036	—	—	0.029	mg/L	Y	J	JN-	184079	GU070400G16G01	GELC
LAO-1.6g	10.47	04/10/2007	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.061	—	—	0.029	mg/L	Y	J	JN-	184079	GU070400G16G20	GELC
LAO-1.6g	10.47	07/18/2007	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.145	—	—	0.145	mg/L	Y	U	UJ	190027	GU070700G16G01	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0799	—	—	0.033	mg/L	Y	J	J-	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	11/08/2001	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.21	—	—	0.041	mg/L	Y	—	NQ	180S	CALA-01-0476	GELC
LAO-1.6g	10.47	08/01/2006	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.69	—	—	0.33	mg/L	Y	—	NQ	168446	GU060700G16G01	GELC
LAO-1.6g	10.47	04/10/2007	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.68	—	—	0.33	mg/L	Y	—	NQ	184079	GU070400G16G01	GELC
LAO-1.6g	10.47	04/10/2007	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.67	—	—	0.33	mg/L	Y	—	NQ	184079	GU070400G16G20	GELC
LAO-1.6g	10.47	07/18/2007	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.68	—	—	0.33	mg/L	Y	—	NQ	190027	GU070700G16G01	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	2.09	—	—	0.33	mg/L	Y	—	NQ	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	07/18/2007	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.126	—	—	0.024	mg/L	Y	—	U	190027	GF070700G16G01	GELC
LAO-1.6g	10.47	01/14/2008	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.106	—	—	0.024	mg/L	Y	—	NQ	08-487	CALA-08-9761	GELC
LAO-1.6g	10.47	08/27/2008	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.061	—	—	0.024	mg/L	Y	—	U	08-1791	CALA-08-13827	GELC
LAO-1.6g	10.47	07/16/2009	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.464	—	—	0.015	mg/L	Y	—	NQ	09-2667	CALA-09-11115	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.047	—	—	0.02	mg/L	Y	J	J	N3B-2023-2990	CALA-23-287713	GELC
LAO-1.6g	10.47	06/19/2001	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.04	0.019	0.048	—	pCi/L	Y	U	U	9035R	CALA-01-0220	PARA
LAO-1.6g	10.47	11/08/2001	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.0767	0.02	0.052	—	pCi/L	Y	—	NQ	184S	CALA-01-0476	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAO-1.6g	10.47	08/01/2006	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.0995	0.0277	0.087	—	pCi/L	Y	—	J	168446	GU060700G16G01	GELC
LAO-1.6g	10.47	07/18/2007	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.0694	0.0137	0.0347	—	pCi/L	Y	—	J	190027	GU070700G16G01	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0312	0.0128	0.0604	—	pCi/L	Y	U	UJ	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/19/2001	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.004	0.0075	0.015	—	pCi/L	Y	U	U	9035R	CALA-01-0220	PARA
LAO-1.6g	10.47	11/08/2001	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0255	0.01	0.026	—	pCi/L	Y	U	U	184S	CALA-01-0476	GELC
LAO-1.6g	10.47	08/01/2006	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.0115	0.0161	0.0737	—	pCi/L	Y	U	U	168446	GU060700G16G01	GELC
LAO-1.6g	10.47	07/18/2007	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.00433	0.0292	—	pCi/L	Y	U	U	190027	GU070700G16G01	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00918	0.00686	0.0576	—	pCi/L	Y	U	U	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	06/19/2001	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.073	0.023	0.033	—	pCi/L	Y	LT	NQ	9035R	CALA-01-0220	PARA
LAO-1.6g	10.47	11/08/2001	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0458	0.015	0.042	—	pCi/L	Y	—	NQ	184S	CALA-01-0476	GELC
LAO-1.6g	10.47	08/01/2006	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0746	0.0214	0.0925	—	pCi/L	Y	U	U	168446	GU060700G16G01	GELC
LAO-1.6g	10.47	07/18/2007	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0545	0.0135	0.0467	—	pCi/L	Y	—	J	190027	GU070700G16G01	GELC
LAO-1.6g	10.47	06/08/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0272	0.00902	0.058	—	pCi/L	Y	U	UJ	N3B-2023-2990	CALA-23-287712	GELC
LAO-1.6g	10.47	07/18/2007	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.1	—	—	1	µg/L	Y	J	J	190027	GF070700G16G01	GELC
LAO-1.6g	10.47	01/14/2008	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.7	—	—	1	µg/L	Y	J	J	08-487	CALA-08-9761	GELC
LAO-1.6g	10.47	08/27/2008	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	N	2.9	—	—	1	µg/L	Y	J	U	08-1791	CALA-08-13827	GELC
LAO-1.6g	10.47	07/16/2009	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Vanadium	V	Y	1.34	—	—	1	µg/L	Y	J	J	09-2667	CALA-09-11115	GELC
LAO-1.6g	10.47	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	1.48	—	—	1	µg/L	Y	J	J	N3B-2023-2990	CALA-23-287713	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.18	—	—	0.01	SU	Y	H	NQ	2018-2715	CALA-18-68	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.16	—	—	0.01	SU	Y	H	NQ	2018-2715	CALA-18-74	GELC
LAO-3a	4.7	06/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.33	—	—	0.01	SU	Y	H	NQ	N3B-2019-2283	CALA-19-181495	GELC
LAO-3a	4.7	09/10/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.97	—	—	0.01	SU	Y	H	NQ	N3B-2020-1741	CALA-20-206439	GELC
LAO-3a	4.7	06/16/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.46	—	—	0.01	SU	Y	H	J	N3B-2021-1863	CALA-21-229552	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.26	—	—	0.01	SU	Y	H	J	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	122	—	—	1.45	mg/L	Y	—	NQ	2018-2715	CALA-18-68	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	125	—	—	1.45	mg/L	Y	—	NQ	2018-2715	CALA-18-74	GELC
LAO-3a	4.7	06/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	97.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2283	CALA-19-181495	GELC
LAO-3a	4.7	09/10/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	129	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1741	CALA-20-206439	GELC
LAO-3a	4.7	06/16/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	117	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-1863	CALA-21-229552	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	106	—	—	0.725	mg/L	Y	—	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	193	—	—	68	µg/L	Y	J	J	2018-2715	CALA-18-68	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Aluminum	Al	Y	202	—	—	68	µg/L	Y	—	NQ	2018-2715	CALA-18-74	GELC
LAO-3a	4.7	06/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68	—	—	68	µg/L	Y	U	U	N3B-2019-2283	CALA-19-181495	GELC
LAO-3a	4.7	09/10/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68	—	—	68	µg/L	Y	U	U	N3B-2020-1741	CALA-20-206439	GELC
LAO-3a	4.7	06/16/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	227	—	—	68	µg/L	Y	—	NQ	N3B-2021-1863	CALA-21-229552	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	Y	87.2	—	—	68	µg/L	Y	J	J	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/18/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00498	0.00895	0.0271	—	pCi/L	Y	U	U	2018-2715	CALA-18-69	GELC
LAO-3a	4.7	06/18/2018	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.014	0.00956	0.0326	—	pCi/L	Y	U	U	2018-2715	CALA-18-75	GELC
LAO-3a	4.7	06/25/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0135	0.0185	0.0491	—	pCi/L	Y	U	U	N3B-2019-2283	CALA-19-181496	GELC
LAO-3a	4.7	09/10/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00726	0.0103	0.0658	—	pCi/L	Y	U	U	N3B-2020-1741	CALA-20-206440	GELC
LAO-3a	4.7	06/16/2021	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0183	0.00673	0.0361	—	pCi/L	Y	U	UJ	N3B-2021-1863	CALA-21-229549	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00191	0.00727	0.059	—	pCi/L	Y	U	U	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.67	—	—	2	µg/L	Y	J	J	2018-2715	CALA-18-68	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	3.43	—	—	2	µg/L	Y	J	J	2018-2715	CALA-18-74	GELC
LAO-3a	4.7	06/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.71	—	—	2	µg/L	Y	J	J	N3B-2019-2283	CALA-19-181495	GELC
LAO-3a	4.7	09/10/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	4.04	—	—	2	µg/L	Y	J	J	N3B-2020-1741	CALA-20-206439	GELC
LAO-3a	4.7	06/16/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.94	—	—	2	µg/L	Y	J	J	N3B-2021-1863	CALA-21-229552	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.33	—	—	2	µg/L	Y	J	J	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	54.5	—	—	1	µg/L	Y	—	NQ	2018-2715	CALA-18-68	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	53	—	—	1	µg/L	Y	—	NQ	2018-2715	CALA-18-74	GELC
LAO-3a	4.7	06/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	77.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-2283	CALA-19-181495	GELC
LAO-3a	4.7	09/10/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	94.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-1741	CALA-20-206439	GELC
LAO-3a	4.7	06/16/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	48	—	—	1	µg/L	Y	—	NQ	N3B-2021-1863	CALA-21-229552	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	67.4	—	—	1	µg/L	Y	—	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	60.9	—	—	15	µg/L	Y	—	NQ	2018-2715	CALA-18-68	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	59.7	—	—	15	µg/L	Y	—	NQ	2018-2715	CALA-18-74	GELC
LAO-3a	4.7	06/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	45	—	—	15	µg/L	Y	J	J	N3B-2019-2283	CALA-19-181495	GELC
LAO-3a	4.7	09/10/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	68.3	—	—	15	µg/L	Y	—	NQ	N3B-2020-1741	CALA-20-206439	GELC
LAO-3a	4.7	06/16/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	62.9	—	—	15	µg/L	Y	—	NQ	N3B-2021-1863	CALA-21-229552	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	42.3	—	—	15	µg/L	Y	J	J	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	1.42	—	—	0.067	mg/L	Y	—	NQ	2018-2715	CALA-18-68	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAO-3a	4.7	06/18/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	1.43	—	—	0.067	mg/L	Y	—	NQ	2018-2715	CALA-18-74	GELC
LAO-3a	4.7	06/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	1.55	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2283	CALA-19-181495	GELC
LAO-3a	4.7	09/10/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	4.79	—	—	0.67	mg/L	Y	—	NQ	N3B-2020-1741	CALA-20-206439	GELC
LAO-3a	4.7	06/16/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.671	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-1863	CALA-21-229552	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	2.93	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.6	—	—	0.05	mg/L	Y	—	NQ	2018-2715	CALA-18-68	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.3	—	—	0.05	mg/L	Y	—	NQ	2018-2715	CALA-18-74	GELC
LAO-3a	4.7	06/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	28.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2283	CALA-19-181495	GELC
LAO-3a	4.7	09/10/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	37.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1741	CALA-20-206439	GELC
LAO-3a	4.7	06/16/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1863	CALA-21-229552	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	24.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/18/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.655	1.66	5.74	—	pCi/L	Y	U	U	2018-2715	CALA-18-69	GELC
LAO-3a	4.7	06/18/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0535	2.1	5.24	—	pCi/L	Y	U	U	2018-2715	CALA-18-75	GELC
LAO-3a	4.7	06/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.04	1.51	5.92	—	pCi/L	Y	U	U	N3B-2019-2283	CALA-19-181496	GELC
LAO-3a	4.7	09/10/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.27	1.87	4.45	—	pCi/L	Y	U	U	N3B-2020-1741	CALA-20-206440	GELC
LAO-3a	4.7	06/16/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.48	0.938	3.33	—	pCi/L	Y	U	UJ	N3B-2021-1863	CALA-21-229549	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.23	0.93	3.62	—	pCi/L	Y	U	U	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	13.4	—	—	0.134	mg/L	Y	—	NQ	2018-2715	CALA-18-68	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	13.2	—	—	0.134	mg/L	Y	—	NQ	2018-2715	CALA-18-74	GELC
LAO-3a	4.7	06/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	62.6	—	—	0.67	mg/L	Y	—	NQ	N3B-2019-2283	CALA-19-181495	GELC
LAO-3a	4.7	09/10/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	20.5	—	—	0.67	mg/L	Y	—	NQ	N3B-2020-1741	CALA-20-206439	GELC
LAO-3a	4.7	06/16/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.87	—	—	0.134	mg/L	Y	—	NQ	N3B-2021-1863	CALA-21-229552	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	13.8	—	—	0.335	mg/L	Y	—	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/18/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.00252	1.2	4.72	—	pCi/L	Y	U	U	2018-2715	CALA-18-69	GELC
LAO-3a	4.7	06/18/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.337	1.47	4.84	—	pCi/L	Y	U	U	2018-2715	CALA-18-75	GELC
LAO-3a	4.7	06/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.57	1.8	4.66	—	pCi/L	Y	U	U	N3B-2019-2283	CALA-19-181496	GELC
LAO-3a	4.7	09/10/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.538	1.08	4.35	—	pCi/L	Y	U	U	N3B-2020-1741	CALA-20-206440	GELC
LAO-3a	4.7	06/16/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.458	0.833	3.31	—	pCi/L	Y	U	UJ	N3B-2021-1863	CALA-21-229549	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.883	0.863	3.99	—	pCi/L	Y	U	U	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.862	—	—	0.033	mg/L	Y	—	NQ	2018-2715	CALA-18-68	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.84	—	—	0.033	mg/L	Y	—	NQ	2018-2715	CALA-18-74	GELC
LAO-3a	4.7	06/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.653	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2283	CALA-19-181495	GELC
LAO-3a	4.7	09/10/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.754	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1741	CALA-20-206439	GELC
LAO-3a	4.7	06/16/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	1	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1863	CALA-21-229552	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.94	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/18/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.544	0.781	2.95	—	pCi/L	Y	U	U	2018-2715	CALA-18-69	GELC
LAO-3a	4.7	06/18/2018	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.58	0.911	2.78	—	pCi/L	Y	U	U	2018-2715	CALA-18-75	GELC
LAO-3a	4.7	06/25/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.48	0.713	2.88	—	pCi/L	Y	U	U	N3B-2019-2283	CALA-19-181496	GELC
LAO-3a	4.7	09/10/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.91	0.986	3	—	pCi/L	Y	U	U	N3B-2020-1741	CALA-20-206440	GELC
LAO-3a	4.7	06/16/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.76	1.12	2.94	—	pCi/L	Y	U	UJ	N3B-2021-1863	CALA-21-229549	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	-0.327	0.404	2.38	—	pCi/L	Y	U	U	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/18/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	33.4	1.64	2.6	—	pCi/L	Y	—	NQ	2018-2715	CALA-18-69	GELC
LAO-3a	4.7	06/18/2018	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	33.1	1.63	2.53	—	pCi/L	Y	—	NQ	2018-2715	CALA-18-75	GELC
LAO-3a	4.7	06/25/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	36	2.07	2.14	—	pCi/L	Y	—	NQ	N3B-2019-2283	CALA-19-181496	GELC
LAO-3a	4.7	09/10/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	51	2.16	2.67	—	pCi/L	Y	—	NQ	N3B-2020-1741	CALA-20-206440	GELC
LAO-3a	4.7	06/16/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	24.7	1.78	2.82	—	pCi/L	Y	—	NQ	N3B-2021-1863	CALA-21-229549	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	30.2	1.97	2.65	—	pCi/L	Y	—	NQ	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	77.5	—	—	0.453	mg/L	Y	—	NQ	2018-2715	CALA-18-68	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	76.2	—	—	0.453	mg/L	Y	—	NQ	2018-2715	CALA-18-74	GELC
LAO-3a	4.7	06/25/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	99.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2283	CALA-19-181495	GELC
LAO-3a	4.7	09/10/2020	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	130	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1741	CALA-20-206439	GELC
LAO-3a	4.7	06/16/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	67.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-1863	CALA-21-229552	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	88.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	93	—	—	30	µg/L	Y	J	J	2018-2715	CALA-18-68	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	Y	98.7	—	—	30	µg/L	Y	J	J	2018-2715	CALA-18-74	GELC
LAO-3a	4.7	06/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2019-2283	CALA-19-181495	GELC
LAO-3a	4.7	09/10/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2020-1741	CALA-20-206439	GELC
LAO-3a	4.7	06/16/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	107	—	—	30	µg/L	Y	—	NQ	N3B-2021-1863	CALA-21-229552	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	Y	36.4	—	—	30	µg/L	Y	J	J	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.1	—	—	0.11	mg/L	Y	—	NQ	2018-2715	CALA-18-68	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.99	—	—	0.11	mg/L	Y	—	NQ	2018-2715	CALA-18-74	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAO-3a	4.7	06/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.75	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2283	CALA-19-181495	GELC
LAO-3a	4.7	09/10/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	9	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1741	CALA-20-206439	GELC
LAO-3a	4.7	06/16/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-1863	CALA-21-229552	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	6.54	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	122	—	—	0.2	µg/L	Y	—	NQ	2018-2715	CALA-18-68	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	115	—	—	0.2	µg/L	Y	—	NQ	2018-2715	CALA-18-74	GELC
LAO-3a	4.7	06/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	116	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2283	CALA-19-181495	GELC
LAO-3a	4.7	09/10/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	86.8	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1741	CALA-20-206439	GELC
LAO-3a	4.7	06/16/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	101	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-1863	CALA-21-229552	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	77	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/18/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.77	2.69	9.17	—	pCi/L	Y	U	U	2018-2715	CALA-18-69	GELC
LAO-3a	4.7	06/18/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.12	2.82	10.3	—	pCi/L	Y	U	U	2018-2715	CALA-18-75	GELC
LAO-3a	4.7	06/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.39	3.19	11.6	—	pCi/L	Y	U	U	N3B-2019-2283	CALA-19-181496	GELC
LAO-3a	4.7	09/10/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.591	2.67	8.79	—	pCi/L	Y	U	U	N3B-2020-1741	CALA-20-206440	GELC
LAO-3a	4.7	06/16/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.496	1.89	6.72	—	pCi/L	Y	U	UJ	N3B-2021-1863	CALA-21-229549	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.835	1.84	6	—	pCi/L	Y	U	U	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.826	—	—	0.017	mg/L	Y	—	NQ	2018-2715	CALA-18-68	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.825	—	—	0.017	mg/L	Y	—	NQ	2018-2715	CALA-18-74	GELC
LAO-3a	4.7	06/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.308	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2283	CALA-19-181495	GELC
LAO-3a	4.7	09/10/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.21	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1741	CALA-20-206439	GELC
LAO-3a	4.7	06/16/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.53	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-1863	CALA-21-229552	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.29	—	—	0.085	mg/L	Y	—	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.523	—	—	0.05	µg/L	Y	—	NQ	2018-2715	CALA-18-68	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.559	—	—	0.05	µg/L	Y	—	NQ	2018-2715	CALA-18-74	GELC
LAO-3a	4.7	06/25/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.31	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2283	CALA-19-181495	GELC
LAO-3a	4.7	09/10/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.591	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1741	CALA-20-206439	GELC
LAO-3a	4.7	06/16/2021	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.419	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-1863	CALA-21-229552	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.623	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	09/10/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	27.2	—	—	0.633	ng/L	Y	—	NQ	N3B-2020-1741	CALA-20-206440	GELC
LAO-3a	4.7	06/16/2021	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	1.63	—	—	0.632	ng/L	Y	J	J	N3B-2021-1863	CALA-21-229549	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	17.6	—	—	0.57	ng/L	Y	—	NQ	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	09/10/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	12.2	—	—	0.767	ng/L	Y	—	NQ	N3B-2020-1741	CALA-20-206440	GELC
LAO-3a	4.7	06/16/2021	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	5.95	—	—	0.766	ng/L	Y	—	NQ	N3B-2021-1863	CALA-21-229549	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	16.9	—	—	0.691	ng/L	Y	—	NQ	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	09/10/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	7.16	—	—	0.767	ng/L	Y	—	NQ	N3B-2020-1741	CALA-20-206440	GELC
LAO-3a	4.7	06/16/2021	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	1.85	—	—	0.766	ng/L	Y	J	J	N3B-2021-1863	CALA-21-229549	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	5.96	—	—	0.691	ng/L	Y	—	NQ	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/18/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.023	0.0216	0.0341	—	pCi/L	Y	U	U	2018-2715	CALA-18-69	GELC
LAO-3a	4.7	06/18/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00933	0.0438	—	pCi/L	Y	U	U	2018-2715	CALA-18-75	GELC
LAO-3a	4.7	06/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0075	0.0103	0.0442	—	pCi/L	Y	U	U	N3B-2019-2283	CALA-19-181496	GELC
LAO-3a	4.7	09/10/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0123	0.00954	0.0535	—	pCi/L	Y	U	U	N3B-2020-1741	CALA-20-206440	GELC
LAO-3a	4.7	06/16/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00617	0.0624	—	pCi/L	Y	U	U	N3B-2021-1863	CALA-21-229549	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00371	0.0083	0.0756	—	pCi/L	Y	U	U	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/18/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00919	0.0122	0.0437	—	pCi/L	Y	U	U	2018-2715	CALA-18-69	GELC
LAO-3a	4.7	06/18/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0147	0.00885	0.056	—	pCi/L	Y	U	U	2018-2715	CALA-18-75	GELC
LAO-3a	4.7	06/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.01	0.00866	0.0483	—	pCi/L	Y	U	U	N3B-2019-2283	CALA-19-181496	GELC
LAO-3a	4.7	09/10/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0123	0.00953	0.0724	—	pCi/L	Y	U	U	N3B-2020-1741	CALA-20-206440	GELC
LAO-3a	4.7	06/16/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0101	0.0107	0.0633	—	pCi/L	Y	U	U	N3B-2021-1863	CALA-21-229549	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00371	0.00981	0.078	—	pCi/L	Y	U	U	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	6.77	—	—	0.05	mg/L	Y	—	NQ	2018-2715	CALA-18-68	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	6.54	—	—	0.05	mg/L	Y	—	NQ	2018-2715	CALA-18-74	GELC
LAO-3a	4.7	06/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	7.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2283	CALA-19-181495	GELC
LAO-3a	4.7	09/10/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	9.23	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1741	CALA-20-206439	GELC
LAO-3a	4.7	06/16/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	6.67	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1863	CALA-21-229552	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	8.13	—	—	0.05	mg/L	Y	—	J+	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/18/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	15	25.9	57.8	—	pCi/L	Y	U	U	2018-2715	CALA-18-69	GELC
LAO-3a	4.7	06/18/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-5.83	17.6	66.9	—	pCi/L	Y	U	U	2018-2715	CALA-18-75	GELC
LAO-3a	4.7	06/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	Y	113	34.4	49.7	—	pCi/L	Y	—	NQ	N3B-2019-2283	CALA-19-181496	GELC
LAO-3a	4.7	09/10/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-16	20.5	73.1	—	pCi/L	Y	U	U	N3B-2020-1741	CALA-20-206440	GELC
LAO-3a	4.7	06/16/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	18.5	18.6	31.1	—	pCi/L	Y	U	UJ	N3B-2021-1863	CALA-21-229549	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	15.4	16.6	67.2	—	pCi/L	Y	U	U	N3B-2023-3063	CALA-23-287714	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAO-3a	4.7	06/02/2004	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.265	0.0888	0.232	—	pCi/L	Y	—	J	114296	GU04050GA3L01	GELC
LAO-3a	4.7	06/02/2004	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	5.7	3.99	6.2	—	pCi/L	Y	U	U	114296	GU04050GA3L01	GELC
LAO-3a	4.7	06/02/2004	WG	UF	INIT	FD	RAD	EPA:901.1	Radium-226	Ra-226	N	1.5	4.71	9.84	—	pCi/L	Y	U	U	114296	GU04050GA3L90	GELC
LAO-3a	4.7	06/02/2004	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.496	0.128	0.315	—	pCi/L	Y	—	J	114296	GU04050GA3L90	GELC
LAO-3a	4.7	01/09/2008	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.55	0.23	0.65	—	pCi/L	Y	U	U	08-467	CALA-08-9744	GELC
LAO-3a	4.7	09/10/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.428	0.21	0.656	—	pCi/L	Y	U	U	N3B-2020-1741	CALA-20-206440	GELC
LAO-3a	4.7	06/16/2021	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.291	0.108	0.298	—	pCi/L	Y	U	UJ	N3B-2021-1863	CALA-21-229549	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.615	0.227	0.48	—	pCi/L	Y	—	NQ	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	09/10/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.912	0.305	—	—	pCi/L	Y	—	U	N3B-2020-1741	CALA-20-206440	GELC
LAO-3a	4.7	06/16/2021	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.765	0.244	—	—	pCi/L	Y	—	UJ	N3B-2021-1863	CALA-21-229549	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	1.12	0.31	—	—	pCi/L	Y	J	J	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/02/2004	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-228	Ra-228	N	7.14	3.61	13	—	pCi/L	Y	U	U	114296	GU04050GA3L01	GELC
LAO-3a	4.7	06/02/2004	WG	UF	INIT	FD	RAD	EPA:901.1	Radium-228	Ra-228	N	10.2	10.1	18.5	—	pCi/L	Y	U	U	114296	GU04050GA3L90	GELC
LAO-3a	4.7	01/09/2008	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.63	0.21	0.55	—	pCi/L	Y	—	U	08-467	CALA-08-9744	GELC
LAO-3a	4.7	09/10/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.483	0.222	0.712	—	pCi/L	Y	U	U	N3B-2020-1741	CALA-20-206440	GELC
LAO-3a	4.7	06/16/2021	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.474	0.219	0.699	—	pCi/L	Y	U	UJ	N3B-2021-1863	CALA-21-229549	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.5	0.211	0.617	—	pCi/L	Y	U	UJ	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	53.6	—	—	0.053	mg/L	Y	—	NQ	2018-2715	CALA-18-68	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	52.5	—	—	0.053	mg/L	Y	—	NQ	2018-2715	CALA-18-74	GELC
LAO-3a	4.7	06/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	46.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2283	CALA-19-181495	GELC
LAO-3a	4.7	09/10/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1741	CALA-20-206439	GELC
LAO-3a	4.7	06/16/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	58.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-1863	CALA-21-229552	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	57.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	39.3	—	—	0.1	mg/L	Y	—	NQ	2018-2715	CALA-18-68	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	38.6	—	—	0.1	mg/L	Y	—	NQ	2018-2715	CALA-18-74	GELC
LAO-3a	4.7	06/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	54.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2283	CALA-19-181495	GELC
LAO-3a	4.7	09/10/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	47.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1741	CALA-20-206439	GELC
LAO-3a	4.7	06/16/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	37.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-1863	CALA-21-229552	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	46.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/18/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.39	1.21	5.13	—	pCi/L	Y	U	U	2018-2715	CALA-18-69	GELC
LAO-3a	4.7	06/18/2018	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.66	1.71	5.72	—	pCi/L	Y	U	U	2018-2715	CALA-18-75	GELC
LAO-3a	4.7	06/25/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.57	1.36	5.88	—	pCi/L	Y	U	U	N3B-2019-2283	CALA-19-181496	GELC
LAO-3a	4.7	09/10/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.762	1.13	4.17	—	pCi/L	Y	U	U	N3B-2020-1741	CALA-20-206440	GELC
LAO-3a	4.7	06/16/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.89	1.18	3.59	—	pCi/L	Y	U	UJ	N3B-2021-1863	CALA-21-229549	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.2	1.18	4.99	—	pCi/L	Y	U	U	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	344	—	—	1	µS/cm	Y	—	NQ	2018-2715	CALA-18-68	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	347	—	—	1	µS/cm	Y	—	NQ	2018-2715	CALA-18-74	GELC
LAO-3a	4.7	06/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	495	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2283	CALA-19-181495	GELC
LAO-3a	4.7	09/10/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	523	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1741	CALA-20-206439	GELC
LAO-3a	4.7	06/16/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	303	—	—	1	µS/cm	Y	—	NQ	N3B-2021-1863	CALA-21-229552	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	444	—	—	1	µS/cm	Y	—	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	138	—	—	1	µg/L	Y	—	NQ	2018-2715	CALA-18-68	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	133	—	—	1	µg/L	Y	—	NQ	2018-2715	CALA-18-74	GELC
LAO-3a	4.7	06/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	173	—	—	1	µg/L	Y	—	NQ	N3B-2019-2283	CALA-19-181495	GELC
LAO-3a	4.7	09/10/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	230	—	—	1	µg/L	Y	—	NQ	N3B-2020-1741	CALA-20-206439	GELC
LAO-3a	4.7	06/16/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	118	—	—	1	µg/L	Y	—	NQ	N3B-2021-1863	CALA-21-229552	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	158	—	—	1	µg/L	Y	—	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/18/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	11.1	0.501	0.548	—	pCi/L	Y	—	NQ	2018-2715	CALA-18-69	GELC
LAO-3a	4.7	06/18/2018	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	Y	11.7	0.576	0.711	—	pCi/L	Y	—	NQ	2018-2715	CALA-18-75	GELC
LAO-3a	4.7	06/25/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	13.2	0.481	0.424	—	pCi/L	Y	—	NQ	N3B-2019-2283	CALA-19-181496	GELC
LAO-3a	4.7	09/10/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	14.7	0.571	0.488	—	pCi/L	Y	—	NQ	N3B-2020-1741	CALA-20-206440	GELC
LAO-3a	4.7	06/16/2021	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	9.73	0.375	0.456	—	pCi/L	Y	—	NQ	N3B-2021-1863	CALA-21-229549	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	9.84	0.907	0.497	—	pCi/L	Y	—	NQ	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	25.6	—	—	0.266	mg/L	Y	—	NQ	2018-2715	CALA-18-68	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	25.3	—	—	0.266	mg/L	Y	—	NQ	2018-2715	CALA-18-74	GELC
LAO-3a	4.7	06/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	34.3	—	—	1.33	mg/L	Y	—	NQ	N3B-2019-2283	CALA-19-181495	GELC
LAO-3a	4.7	09/10/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	73.9	—	—	1.33	mg/L	Y	—	NQ	N3B-2020-1741	CALA-20-206439	GELC
LAO-3a	4.7	06/16/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	22	—	—	0.266	mg/L	Y	—	NQ	N3B-2021-1863	CALA-21-229552	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	59.4	—	—	0.665	mg/L	Y	—	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	271	—	—	3.4	mg/L	Y	—	NQ	2018-2715	CALA-18-68	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	260	—	—	3.4	mg/L	Y	—	NQ	2018-2715	CALA-18-74	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAO-3a	4.7	06/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	286	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2283	CALA-19-181495	GELC
LAO-3a	4.7	09/10/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	316	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1741	CALA-20-206439	GELC
LAO-3a	4.7	06/16/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	197	—	—	3.4	mg/L	Y	—	J	N3B-2021-1863	CALA-21-229552	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	279	—	—	2.38	mg/L	Y	—	J	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/18/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.866	—	—	0.33	mg/L	Y	J	J	2018-2715	CALA-18-69	GELC
LAO-3a	4.7	06/18/2018	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.748	—	—	0.33	mg/L	Y	J	J	2018-2715	CALA-18-75	GELC
LAO-3a	4.7	06/25/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.69	—	—	0.33	mg/L	Y	—	NQ	N3B-2019-2283	CALA-19-181496	GELC
LAO-3a	4.7	09/10/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	1.29	—	—	0.33	mg/L	Y	—	NQ	N3B-2020-1741	CALA-20-206440	GELC
LAO-3a	4.7	06/16/2021	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.615	—	—	0.33	mg/L	Y	J	J	N3B-2021-1863	CALA-21-229549	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	1.33	—	—	0.33	mg/L	Y	—	NQ	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.209	—	—	0.02	mg/L	Y	—	J+	2018-2715	CALA-18-68	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.223	—	—	0.02	mg/L	Y	—	J+	2018-2715	CALA-18-74	GELC
LAO-3a	4.7	06/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.105	—	—	0.02	mg/L	Y	—	U	N3B-2019-2283	CALA-19-181495	GELC
LAO-3a	4.7	09/10/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.263	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1741	CALA-20-206439	GELC
LAO-3a	4.7	06/16/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.326	—	—	0.02	mg/L	Y	—	J+	N3B-2021-1863	CALA-21-229552	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.241	—	—	0.02	mg/L	Y	—	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.705	—	—	0.067	µg/L	Y	—	NQ	2018-2715	CALA-18-68	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.699	—	—	0.067	µg/L	Y	—	NQ	2018-2715	CALA-18-74	GELC
LAO-3a	4.7	06/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.313	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2283	CALA-19-181495	GELC
LAO-3a	4.7	09/10/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.88	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1741	CALA-20-206439	GELC
LAO-3a	4.7	06/16/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.714	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-1863	CALA-21-229552	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.502	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-3063	CALA-23-287715	GELC
LAO-3a	4.7	06/18/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.347	0.029	0.0831	—	pCi/L	Y	—	NQ	2018-2715	CALA-18-69	GELC
LAO-3a	4.7	06/18/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.385	0.0317	0.0925	—	pCi/L	Y	—	NQ	2018-2715	CALA-18-75	GELC
LAO-3a	4.7	06/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.173	0.0372	0.13	—	pCi/L	Y	—	NQ	N3B-2019-2283	CALA-19-181496	GELC
LAO-3a	4.7	09/10/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.394	0.0328	0.0541	—	pCi/L	Y	—	NQ	N3B-2020-1741	CALA-20-206440	GELC
LAO-3a	4.7	06/16/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.291	0.0323	0.0565	—	pCi/L	Y	—	NQ	N3B-2021-1863	CALA-21-229549	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.254	0.0386	0.0971	—	pCi/L	Y	—	NQ	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/18/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0218	0.0102	0.0629	—	pCi/L	Y	U	U	2018-2715	CALA-18-69	GELC
LAO-3a	4.7	06/18/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0243	0.0122	0.0701	—	pCi/L	Y	U	U	2018-2715	CALA-18-75	GELC
LAO-3a	4.7	06/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0134	0.0167	0.11	—	pCi/L	Y	U	U	N3B-2019-2283	CALA-19-181496	GELC
LAO-3a	4.7	09/10/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0285	0.00988	0.0351	—	pCi/L	Y	U	U	N3B-2020-1741	CALA-20-206440	GELC
LAO-3a	4.7	06/16/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00951	0.00838	0.0463	—	pCi/L	Y	U	U	N3B-2021-1863	CALA-21-229549	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.012	0.0118	0.0928	—	pCi/L	Y	U	U	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/18/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.265	0.0248	0.065	—	pCi/L	Y	—	NQ	2018-2715	CALA-18-69	GELC
LAO-3a	4.7	06/18/2018	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.204	0.0235	0.0724	—	pCi/L	Y	—	NQ	2018-2715	CALA-18-75	GELC
LAO-3a	4.7	06/25/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.101	0.0277	0.104	—	pCi/L	Y	U	U	N3B-2019-2283	CALA-19-181496	GELC
LAO-3a	4.7	09/10/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.286	0.0281	0.0483	—	pCi/L	Y	—	NQ	N3B-2020-1741	CALA-20-206440	GELC
LAO-3a	4.7	06/16/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.21	0.0249	0.0589	—	pCi/L	Y	—	NQ	N3B-2021-1863	CALA-21-229549	GELC
LAO-3a	4.7	06/13/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.18	0.0303	0.0932	—	pCi/L	Y	—	NQ	N3B-2023-3063	CALA-23-287714	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.15	—	—	1	µg/L	Y	J	J	2018-2715	CALA-18-68	GELC
LAO-3a	4.7	06/18/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.28	—	—	1	µg/L	Y	J	J	2018-2715	CALA-18-74	GELC
LAO-3a	4.7	06/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.85	—	—	1	µg/L	Y	J	J	N3B-2019-2283	CALA-19-181495	GELC
LAO-3a	4.7	09/10/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.37	—	—	1	µg/L	Y	J	J	N3B-2020-1741	CALA-20-206439	GELC
LAO-3a	4.7	06/16/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.28	—	—	1	µg/L	Y	J	J	N3B-2021-1863	CALA-21-229552	GELC
LAO-3a	4.7	06/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	3.21	—	—	1	µg/L	Y	J	J	N3B-2023-3063	CALA-23-287715	GELC
LLAO-4	5.24	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.39	—	—	0.01	SU	Y	H	NQ	N3B-2019-2235	CALA-19-181491	GELC
LLAO-4	5.24	09/03/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.53	—	—	0.01	SU	Y	H	NQ	N3B-2020-1702	CALA-20-206432	GELC
LLAO-4	5.24	06/15/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.44	—	—	0.01	SU	Y	H	J	N3B-2021-1844	CALA-21-229534	GELC
LLAO-4	5.24	06/28/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.64	—	—	0.01	SU	Y	H	J	N3B-2022-2035	CALA-22-250822	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.23	—	—	0.01	SU	Y	H	J	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.46	—	—	0.01	SU	Y	H	J	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	217	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2235	CALA-19-181491	GELC
LLAO-4	5.24	09/03/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	175	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1702	CALA-20-206432	GELC
LLAO-4	5.24	06/15/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	165	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-1844	CALA-21-229534	GELC
LLAO-4	5.24	06/28/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	156	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-2035	CALA-22-250822	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	155	—	—	0.725	mg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	154	—	—	0.725	mg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/18/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00888	0.00628	0.0322	—	pCi/L	Y	U	U	N3B-2019-2235	CALA-19-181492	GELC
LLAO-4	5.24	09/03/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.016	0.0132	0.0415	—	pCi/L	Y	U	U	N3B-2020-1702	CALA-20-206433	GELC
LLAO-4	5.24	06/15/2021	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0351	0.0141	0.0624	—	pCi/L	Y	U	UJ	N3B-2021-1844	CALA-21-229533	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LLAO-4	5.24	06/28/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00757	0.0384	—	pCi/L	Y	U	U	N3B-2022-2035	CALA-22-250821	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0122	0.00985	0.0671	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0115	0.00793	0.0629	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.42	—	—	2	µg/L	Y	J	J	N3B-2019-2235	CALA-19-181491	GELC
LLAO-4	5.24	09/03/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	5.03	—	—	2	µg/L	Y	—	NQ	N3B-2020-1702	CALA-20-206432	GELC
LLAO-4	5.24	06/15/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	4.42	—	—	2	µg/L	Y	J	J	N3B-2021-1844	CALA-21-229534	GELC
LLAO-4	5.24	06/28/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.85	—	—	2	µg/L	Y	J	J	N3B-2022-2035	CALA-22-250822	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.65	—	—	2	µg/L	Y	J	J	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.57	—	—	2	µg/L	Y	J	J	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	164	—	—	1	µg/L	Y	—	NQ	N3B-2019-2235	CALA-19-181491	GELC
LLAO-4	5.24	09/03/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	134	—	—	1	µg/L	Y	—	NQ	N3B-2020-1702	CALA-20-206432	GELC
LLAO-4	5.24	06/15/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	121	—	—	1	µg/L	Y	—	NQ	N3B-2021-1844	CALA-21-229534	GELC
LLAO-4	5.24	06/28/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	105	—	—	1	µg/L	Y	—	NQ	N3B-2022-2035	CALA-22-250822	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	101	—	—	1	µg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Barium	Ba	Y	98.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	54.7	—	—	15	µg/L	Y	—	NQ	N3B-2019-2235	CALA-19-181491	GELC
LLAO-4	5.24	09/03/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	63	—	—	15	µg/L	Y	—	NQ	N3B-2020-1702	CALA-20-206432	GELC
LLAO-4	5.24	06/15/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	57.7	—	—	15	µg/L	Y	—	NQ	N3B-2021-1844	CALA-21-229534	GELC
LLAO-4	5.24	06/28/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	53.9	—	—	15	µg/L	Y	—	NQ	N3B-2022-2035	CALA-22-250822	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	46.8	—	—	15	µg/L	Y	J	J	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Boron	B	Y	45.5	—	—	15	µg/L	Y	J	J	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	60.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2235	CALA-19-181491	GELC
LLAO-4	5.24	09/03/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	47.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1702	CALA-20-206432	GELC
LLAO-4	5.24	06/15/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	39.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1844	CALA-21-229534	GELC
LLAO-4	5.24	06/28/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	39.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-2035	CALA-22-250822	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	38.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Calcium	Ca	Y	38.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.302	1.14	4.07	—	pCi/L	Y	U	U	N3B-2019-2235	CALA-19-181492	GELC
LLAO-4	5.24	09/03/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.339	1.27	4.61	—	pCi/L	Y	U	U	N3B-2020-1702	CALA-20-206433	GELC
LLAO-4	5.24	06/15/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.596	1.36	4.89	—	pCi/L	Y	U	U	N3B-2021-1844	CALA-21-229533	GELC
LLAO-4	5.24	06/28/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.26	1.41	5.6	—	pCi/L	Y	U	U	N3B-2022-2035	CALA-22-250821	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.08	1.12	4.53	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.168	2.23	4.51	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	33.9	—	—	0.67	mg/L	Y	—	J-	N3B-2019-2235	CALA-19-181491	GELC
LLAO-4	5.24	09/03/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	32.7	—	—	0.335	mg/L	Y	—	NQ	N3B-2020-1702	CALA-20-206432	GELC
LLAO-4	5.24	06/15/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	23.4	—	—	0.335	mg/L	Y	—	NQ	N3B-2021-1844	CALA-21-229534	GELC
LLAO-4	5.24	06/28/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.3	—	—	0.335	mg/L	Y	—	NQ	N3B-2022-2035	CALA-22-250822	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17	—	—	0.134	mg/L	Y	—	J+	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17.2	—	—	0.134	mg/L	Y	—	J+	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.678	1.18	4.52	—	pCi/L	Y	U	U	N3B-2019-2235	CALA-19-181492	GELC
LLAO-4	5.24	09/03/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.848	1.14	4.27	—	pCi/L	Y	U	U	N3B-2020-1702	CALA-20-206433	GELC
LLAO-4	5.24	06/15/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.19	1.5	5.01	—	pCi/L	Y	U	U	N3B-2021-1844	CALA-21-229533	GELC
LLAO-4	5.24	06/28/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.118	1.32	5.34	—	pCi/L	Y	U	U	N3B-2022-2035	CALA-22-250821	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.24	1.29	5.83	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.14	1.38	5.71	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.394	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2235	CALA-19-181491	GELC
LLAO-4	5.24	09/03/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0397	—	—	0.033	mg/L	Y	J	J	N3B-2020-1702	CALA-20-206432	GELC
LLAO-4	5.24	06/15/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.429	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1844	CALA-21-229534	GELC
LLAO-4	5.24	06/28/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.457	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-2035	CALA-22-250822	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.384	—	—	0.033	mg/L	Y	—	J+	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.387	—	—	0.033	mg/L	Y	—	J+	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/18/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0308	0.661	2.84	—	pCi/L	Y	U	U	N3B-2019-2235	CALA-19-181492	GELC
LLAO-4	5.24	09/03/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.73	0.955	2.99	—	pCi/L	Y	U	U	N3B-2020-1702	CALA-20-206433	GELC
LLAO-4	5.24	06/15/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.368	0.749	2.88	—	pCi/L	Y	U	UJ	N3B-2021-1844	CALA-21-229533	GELC
LLAO-4	5.24	06/28/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	-0.418	0.57	2.93	—	pCi/L	Y	U	U	N3B-2022-2035	CALA-22-250821	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.64	0.9	2.75	—	pCi/L	Y	U	UJ	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.58	0.867	2.62	—	pCi/L	Y	U	UJ	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/18/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.53	0.954	2.92	—	pCi/L	Y	U	U	N3B-2019-2235	CALA-19-181492	GELC
LLAO-4	5.24	09/03/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.27	0.934	2.53	—	pCi/L	Y	—	NQ	N3B-2020-1702	CALA-20-206433	GELC
LLAO-4	5.24	06/15/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.34	0.732	2.08	—	pCi/L	Y	—	NQ	N3B-2021-1844	CALA-21-229533	GELC
LLAO-4	5.24	06/28/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	2.32	0.923	2.9	—	pCi/L	Y	U	UJ	N3B-2022-2035	CALA-22-250821	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	2.79	0.85	2.44	—	pCi/L	Y	—	NQ	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	RAD	EPA:900.0	Gross beta	GROSSB	N	1.2	0.743	2.46	—	pCi/L	Y	U	UJ	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/18/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	179	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2235	CALA-19-181491	GELC
LLAO-4	5.24	09/03/2020	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	140	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1702	CALA-20-206432	GELC
LLAO-4	5.24	06/15/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	117	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-1844	CALA-21-229534	GELC
LLAO-4	5.24	06/28/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	116	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-2035	CALA-22-250822	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	113	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	112	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.51	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2235	CALA-19-181491	GELC
LLAO-4	5.24	09/03/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.09	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1702	CALA-20-206432	GELC
LLAO-4	5.24	06/15/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.72	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-1844	CALA-21-229534	GELC
LLAO-4	5.24	06/28/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	4.3	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-2035	CALA-22-250822	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	4.09	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	4.11	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.938	—	—	0.2	µg/L	Y	J	J	N3B-2019-2235	CALA-19-181491	GELC
LLAO-4	5.24	09/03/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.13	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1702	CALA-20-206432	GELC
LLAO-4	5.24	06/15/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.12	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-1844	CALA-21-229534	GELC
LLAO-4	5.24	06/28/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.12	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-2035	CALA-22-250822	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.07	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.07	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.465	2.67	9.77	—	pCi/L	Y	U	U	N3B-2019-2235	CALA-19-181492	GELC
LLAO-4	5.24	09/03/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.81	2.35	9.52	—	pCi/L	Y	U	U	N3B-2020-1702	CALA-20-206433	GELC
LLAO-4	5.24	06/15/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.57	2.47	9.31	—	pCi/L	Y	U	U	N3B-2021-1844	CALA-21-229533	GELC
LLAO-4	5.24	06/28/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.4	2.81	9.7	—	pCi/L	Y	U	U	N3B-2022-2035	CALA-22-250821	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.07	2.12	8.23	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.709	2.04	7.11	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	09/03/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	2.18	—	—	0.627	ng/L	Y	—	NQ	N3B-2020-1702	CALA-20-206433	GELC
LLAO-4	5.24	06/15/2021	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	1.98	—	—	0.597	ng/L	Y	—	NQ	N3B-2021-1844	CALA-21-229533	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	1.81	—	—	0.569	ng/L	Y	—	NQ	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	09/03/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	3.52	—	—	0.759	ng/L	Y	—	NQ	N3B-2020-1702	CALA-20-206433	GELC
LLAO-4	5.24	06/15/2021	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	3.11	—	—	0.724	ng/L	Y	—	NQ	N3B-2021-1844	CALA-21-229533	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	2.5	—	—	0.69	ng/L	Y	—	NQ	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	09/03/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	4.41	—	—	0.759	ng/L	Y	—	NQ	N3B-2020-1702	CALA-20-206433	GELC
LLAO-4	5.24	06/15/2021	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	3.41	—	—	0.724	ng/L	Y	—	NQ	N3B-2021-1844	CALA-21-229533	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	1.9	—	—	0.69	ng/L	Y	—	NQ	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00765	0.00845	0.0451	—	pCi/L	Y	U	U	N3B-2019-2235	CALA-19-181492	GELC
LLAO-4	5.24	09/03/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0444	0.0126	0.0536	—	pCi/L	Y	U	U	N3B-2020-1702	CALA-20-206433	GELC
LLAO-4	5.24	06/15/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0152	0.00914	0.0754	—	pCi/L	Y	U	U	N3B-2021-1844	CALA-21-229533	GELC
LLAO-4	5.24	06/28/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00627	0.037	—	pCi/L	Y	U	U	N3B-2022-2035	CALA-22-250821	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00379	0.00573	0.0464	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00556	0.00804	0.0577	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0153	0.00953	0.0493	—	pCi/L	Y	U	U	N3B-2019-2235	CALA-19-181492	GELC
LLAO-4	5.24	09/03/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0173	0.0102	0.0726	—	pCi/L	Y	U	U	N3B-2020-1702	CALA-20-206433	GELC
LLAO-4	5.24	06/15/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0244	0.00963	0.0765	—	pCi/L	Y	U	U	N3B-2021-1844	CALA-21-229533	GELC
LLAO-4	5.24	06/28/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00677	0.0325	—	pCi/L	Y	U	U	N3B-2022-2035	CALA-22-250821	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00797	0.00598	0.0479	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0124	0.00984	0.0595	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.9	—	—	0.05	mg/L	Y	—	J+	N3B-2019-2235	CALA-19-181491	GELC
LLAO-4	5.24	09/03/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.81	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1702	CALA-20-206432	GELC
LLAO-4	5.24	06/15/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.29	—	—	0.05	mg/L	Y	—	J+	N3B-2021-1844	CALA-21-229534	GELC
LLAO-4	5.24	06/28/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.18	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-2035	CALA-22-250822	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.1	—	—	0.05	mg/L	Y	—	J+	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Potassium	K	Y	2.11	—	—	0.05	mg/L	Y	—	J+	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-23.1	17.6	64.9	—	pCi/L	Y	U	U	N3B-2019-2235	CALA-19-181492	GELC
LLAO-4	5.24	09/03/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	2.82	12.7	53.9	—	pCi/L	Y	U	U	N3B-2020-1702	CALA-20-206433	GELC
LLAO-4	5.24	06/15/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-29.7	23	75.3	—	pCi/L	Y	U	UJ	N3B-2021-1844	CALA-21-229533	GELC
LLAO-4	5.24	06/28/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	21	17.1	69.5	—	pCi/L	Y	U	UJ	N3B-2022-2035	CALA-22-250821	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-50.3	20	52.3	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	16.8	26.9	46.6	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/27/2000	WG	UF	INIT	REG	RAD	Generic:Gamma Spec.	Radium-226	Ra-226	N	-90	125	57	—	pCi/L	Y	U	U	6956R	CALA-00-0043	PARA
LLAO-4	5.24	09/03/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.577	0.172	0.339	—	pCi/L	Y	—	NQ	N3B-2020-1702	CALA-20-206433	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LLAO-4	5.24	06/15/2021	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.312	0.109	0.299	—	pCi/L	Y	—	J	N3B-2021-1844	CALA-21-229533	GELC
LLAO-4	5.24	06/28/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.501	0.169	0.451	—	pCi/L	Y	—	U	N3B-2022-2035	CALA-22-250821	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.363	0.158	0.397	—	pCi/L	Y	U	UJ	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.681	0.246	0.593	—	pCi/L	Y	—	U	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	09/03/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.726	0.214	—	—	pCi/L	Y	—	NQ	N3B-2020-1702	CALA-20-206433	GELC
LLAO-4	5.24	06/15/2021	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.501	0.22	—	—	pCi/L	Y	—	J	N3B-2021-1844	CALA-21-229533	GELC
LLAO-4	5.24	06/28/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.702	0.274	—	—	pCi/L	Y	J	J	N3B-2022-2035	CALA-22-250821	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.547	0.256	—	—	pCi/L	Y	U	UJ	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	1.24	0.343	—	—	pCi/L	Y	J	U	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	09/03/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.149	0.128	0.44	—	pCi/L	Y	U	U	N3B-2020-1702	CALA-20-206433	GELC
LLAO-4	5.24	06/15/2021	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.189	0.191	0.663	—	pCi/L	Y	U	U	N3B-2021-1844	CALA-21-229533	GELC
LLAO-4	5.24	06/28/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.201	0.216	0.741	—	pCi/L	Y	U	U	N3B-2022-2035	CALA-22-250821	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.184	0.201	0.703	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.557	0.24	0.713	—	pCi/L	Y	U	UJ	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2235	CALA-19-181491	GELC
LLAO-4	5.24	09/03/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1702	CALA-20-206432	GELC
LLAO-4	5.24	06/15/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-1844	CALA-21-229534	GELC
LLAO-4	5.24	06/28/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	58.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-2035	CALA-22-250822	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	60	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	59.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	45.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2235	CALA-19-181491	GELC
LLAO-4	5.24	09/03/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	41.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1702	CALA-20-206432	GELC
LLAO-4	5.24	06/15/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	36.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-1844	CALA-21-229534	GELC
LLAO-4	5.24	06/28/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	33.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-2035	CALA-22-250822	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	35.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Sodium	Na	Y	35.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/18/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.775	1.12	4.74	—	pCi/L	Y	U	U	N3B-2019-2235	CALA-19-181492	GELC
LLAO-4	5.24	09/03/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.432	1.11	4.74	—	pCi/L	Y	U	U	N3B-2020-1702	CALA-20-206433	GELC
LLAO-4	5.24	06/15/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.36	1.76	6.36	—	pCi/L	Y	U	U	N3B-2021-1844	CALA-21-229533	GELC
LLAO-4	5.24	06/28/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.314	1.47	5.77	—	pCi/L	Y	U	U	N3B-2022-2035	CALA-22-250821	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.667	1.46	5.92	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.264	1.23	4.87	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	561	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2235	CALA-19-181491	GELC
LLAO-4	5.24	09/03/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	470	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1702	CALA-20-206432	GELC
LLAO-4	5.24	06/15/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	432	—	—	1	µS/cm	Y	—	NQ	N3B-2021-1844	CALA-21-229534	GELC
LLAO-4	5.24	06/28/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	420	—	—	1	µS/cm	Y	—	NQ	N3B-2022-2035	CALA-22-250822	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	397	—	—	1	µS/cm	Y	—	NQ	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	389	—	—	1	µS/cm	Y	—	NQ	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	527	—	—	1	µg/L	Y	—	NQ	N3B-2019-2235	CALA-19-181491	GELC
LLAO-4	5.24	09/03/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	416	—	—	1	µg/L	Y	—	NQ	N3B-2020-1702	CALA-20-206432	GELC
LLAO-4	5.24	06/15/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	355	—	—	1	µg/L	Y	—	NQ	N3B-2021-1844	CALA-21-229534	GELC
LLAO-4	5.24	06/28/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	309	—	—	1	µg/L	Y	—	NQ	N3B-2022-2035	CALA-22-250822	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	317	—	—	1	µg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Strontium	Sr	Y	317	—	—	1	µg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/18/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0941	0.14	0.477	—	pCi/L	Y	U	U	N3B-2019-2235	CALA-19-181492	GELC
LLAO-4	5.24	09/03/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0566	0.135	0.49	—	pCi/L	Y	U	U	N3B-2020-1702	CALA-20-206433	GELC
LLAO-4	5.24	06/15/2021	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	0.931	0.179	0.494	—	pCi/L	Y	—	J+	N3B-2021-1844	CALA-21-229533	GELC
LLAO-4	5.24	06/28/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.38	0.163	0.524	—	pCi/L	Y	U	UJ	N3B-2022-2035	CALA-22-250821	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0618	0.0688	0.239	—	pCi/L	Y	U	U	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.457	0.162	0.487	—	pCi/L	Y	U	UJ	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	27.5	—	—	1.33	mg/L	Y	—	J-	N3B-2019-2235	CALA-19-181491	GELC
LLAO-4	5.24	09/03/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	18.4	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1702	CALA-20-206432	GELC
LLAO-4	5.24	06/15/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	16.9	—	—	0.665	mg/L	Y	—	NQ	N3B-2021-1844	CALA-21-229534	GELC
LLAO-4	5.24	06/28/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	15.2	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-2035	CALA-22-250822	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.4	—	—	0.133	mg/L	Y	—	J+	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.4	—	—	0.133	mg/L	Y	—	J+	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/18/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	360	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2235	CALA-19-181491	GELC
LLAO-4	5.24	09/03/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	336	—	—	3.4	mg/L	Y	—	J	N3B-2020-1702	CALA-20-206432	GELC
LLAO-4	5.24	06/15/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	286	—	—	3.4	mg/L	Y	—	J	N3B-2021-1844	CALA-21-229534	GELC
LLAO-4	5.24	06/28/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	263	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-2035	CALA-22-250822	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	221	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287711	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	230	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/18/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.11	—	—	0.33	mg/L	Y	—	NQ	N3B-2019-2235	CALA-19-181492	GELC
LLAO-4	5.24	09/03/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.806	—	—	0.33	mg/L	Y	J	J	N3B-2020-1702	CALA-20-206433	GELC
LLAO-4	5.24	06/15/2021	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.486	—	—	0.33	mg/L	Y	J	J	N3B-2021-1844	CALA-21-229533	GELC
LLAO-4	5.24	06/28/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.398	—	—	0.33	mg/L	Y	J	J	N3B-2022-2035	CALA-22-250821	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.507	—	—	0.33	mg/L	Y	J	J	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.505	—	—	0.33	mg/L	Y	J	J	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.29	—	—	0.067	µg/L	Y	—	J+	N3B-2019-2235	CALA-19-181491	GELC
LLAO-4	5.24	09/03/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.3	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1702	CALA-20-206432	GELC
LLAO-4	5.24	06/15/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.21	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-1844	CALA-21-229534	GELC
LLAO-4	5.24	06/28/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.958	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-2035	CALA-22-250822	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.905	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	0.908	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.26	0.0905	0.133	—	pCi/L	Y	—	NQ	N3B-2019-2235	CALA-19-181492	GELC
LLAO-4	5.24	09/03/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.701	0.0624	0.108	—	pCi/L	Y	—	NQ	N3B-2020-1702	CALA-20-206433	GELC
LLAO-4	5.24	06/15/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.657	0.0658	0.117	—	pCi/L	Y	—	NQ	N3B-2021-1844	CALA-21-229533	GELC
LLAO-4	5.24	06/28/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	-0.00851	0.0186	0.0955	—	pCi/L	Y	U	U	N3B-2022-2035	CALA-22-250821	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.5	0.0416	0.0535	—	pCi/L	Y	—	NQ	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.534	0.041	0.0466	—	pCi/L	Y	—	NQ	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0498	0.0243	0.112	—	pCi/L	Y	U	U	N3B-2019-2235	CALA-19-181492	GELC
LLAO-4	5.24	09/03/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.0072	0.071	—	pCi/L	Y	U	U	N3B-2020-1702	CALA-20-206433	GELC
LLAO-4	5.24	06/15/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0334	0.0211	0.0971	—	pCi/L	Y	U	U	N3B-2021-1844	CALA-21-229533	GELC
LLAO-4	5.24	06/28/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00662	0.0148	0.0994	—	pCi/L	Y	U	U	N3B-2022-2035	CALA-22-250821	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0407	0.0126	0.051	—	pCi/L	Y	U	UJ	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0401	0.0105	0.0445	—	pCi/L	Y	U	UJ	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/18/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.9	0.0758	0.106	—	pCi/L	Y	—	NQ	N3B-2019-2235	CALA-19-181492	GELC
LLAO-4	5.24	09/03/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.39	0.0459	0.0963	—	pCi/L	Y	—	NQ	N3B-2020-1702	CALA-20-206433	GELC
LLAO-4	5.24	06/15/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.418	0.052	0.122	—	pCi/L	Y	—	NQ	N3B-2021-1844	CALA-21-229533	GELC
LLAO-4	5.24	06/28/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0268	0.0178	0.11	—	pCi/L	Y	U	U	N3B-2022-2035	CALA-22-250821	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.329	0.0315	0.0514	—	pCi/L	Y	—	J+	N3B-2023-3098	CALA-23-287710	GELC
LLAO-4	5.24	06/15/2023	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.348	0.0308	0.0447	—	pCi/L	Y	—	J+	N3B-2023-3098	CALA-23-287739	GELC
LLAO-4	5.24	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.98	—	—	1	µg/L	Y	—	NQ	N3B-2019-2235	CALA-19-181491	GELC
LLAO-4	5.24	09/03/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	8.31	—	—	1	µg/L	Y	—	NQ	N3B-2020-1702	CALA-20-206432	GELC
LLAO-4	5.24	06/15/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	8.2	—	—	1	µg/L	Y	—	NQ	N3B-2021-1844	CALA-21-229534	GELC
LLAO-4	5.24	06/28/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	7.97	—	—	1	µg/L	Y	—	NQ	N3B-2022-2035	CALA-22-250822	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	8.32	—	—	1	µg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Vanadium	V	Y	8.26	—	—	1	µg/L	Y	—	NQ	N3B-2023-3098	CALA-23-287740	GELC
LLAO-4	5.24	06/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	5.1	—	—	3.3	µg/L	Y	J	J	N3B-2019-2235	CALA-19-181491	GELC
LLAO-4	5.24	09/03/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	12.8	—	—	3.3	µg/L	Y	J	U	N3B-2020-1702	CALA-20-206432	GELC
LLAO-4	5.24	06/15/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2021-1844	CALA-21-229534	GELC
LLAO-4	5.24	06/28/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2022-2035	CALA-22-250822	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	8.81	—	—	3.3	µg/L	Y	J	J	N3B-2023-3098	CALA-23-287711	GELC
LLAO-4	5.24	06/15/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Zinc	Zn	Y	7.66	—	—	3.3	µg/L	Y	J	J	N3B-2023-3098	CALA-23-287740	GELC
Los Alamos Spring	—	05/28/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.98	—	—	0.01	SU	Y	H	NQ	2015-1321	CALA-15-97446	GELC
Los Alamos Spring	—	09/09/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.96	—	—	0.01	SU	Y	H	NQ	N3B-2020-1730	CALA-20-206423	GELC
Los Alamos Spring	—	06/08/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.01	—	—	0.01	SU	Y	H	J	N3B-2021-1789	CALA-21-229523	GELC
Los Alamos Spring	—	06/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.06	—	—	0.01	SU	Y	H	J	N3B-2022-1801	CALA-22-250802	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.05	—	—	0.01	SU	Y	H	J	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	05/28/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86.4	—	—	0.725	mg/L	Y	—	NQ	2015-1321	CALA-15-97446	GELC
Los Alamos Spring	—	09/09/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	88.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1730	CALA-20-206423	GELC
Los Alamos Spring	—	06/08/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	89.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-1789	CALA-21-229523	GELC
Los Alamos Spring	—	06/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1801	CALA-22-250802	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	89	—	—	0.725	mg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	05/28/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00308	0.00814	0.0592	—	pCi/L	Y	U	U	2015-1321	CALA-15-97427	GELC
Los Alamos Spring	—	09/09/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0121	0.00935	0.0437	—	pCi/L	Y	U	U	N3B-2020-1730	CALA-20-206424	GELC
Los Alamos Spring	—	06/08/2021	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0154	0.00891	0.0457	—	pCi/L	Y	U	U	N3B-2021-1789	CALA-21-229522	GELC
Los Alamos Spring	—	06/21/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0117	0.00905	0.0442	—	pCi/L	Y	U	U	N3B-2022-1801	CALA-22-250801	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00407	0.00612	0.0668	—	pCi/L	Y	U	U	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	05/28/2015	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-1321	CALA-15-97446	GELC
Los Alamos Spring	—	09/09/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.58	—	—	2	µg/L	Y	J	J	N3B-2020-1730	CALA-20-206423	GELC
Los Alamos Spring	—	06/08/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	4.47	—	—	2	µg/L	Y	J	J	N3B-2021-1789	CALA-21-229523	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Los Alamos Spring	—	06/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.32	—	—	2	µg/L	Y	J	J	N3B-2022-1801	CALA-22-250802	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.46	—	—	2	µg/L	Y	J	J	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	05/28/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.6	—	—	1	µg/L	Y	—	NQ	2015-1321	CALA-15-97446	GELC
Los Alamos Spring	—	09/09/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	40.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-1730	CALA-20-206423	GELC
Los Alamos Spring	—	06/08/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	37.5	—	—	1	µg/L	Y	—	NQ	N3B-2021-1789	CALA-21-229523	GELC
Los Alamos Spring	—	06/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	37.3	—	—	1	µg/L	Y	—	NQ	N3B-2022-1801	CALA-22-250802	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	36	—	—	1	µg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	05/28/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	19.8	—	—	15	µg/L	Y	J	J	2015-1321	CALA-15-97446	GELC
Los Alamos Spring	—	09/09/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22.3	—	—	15	µg/L	Y	J	J	N3B-2020-1730	CALA-20-206423	GELC
Los Alamos Spring	—	06/08/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	19.5	—	—	15	µg/L	Y	J	J	N3B-2021-1789	CALA-21-229523	GELC
Los Alamos Spring	—	06/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	19.5	—	—	15	µg/L	Y	J	J	N3B-2022-1801	CALA-22-250802	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	18	—	—	15	µg/L	Y	J	J	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	05/28/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.272	—	—	0.067	mg/L	Y	—	NQ	2015-1321	CALA-15-97446	GELC
Los Alamos Spring	—	09/09/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.294	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1730	CALA-20-206423	GELC
Los Alamos Spring	—	06/08/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.303	—	—	0.067	mg/L	Y	—	J+	N3B-2021-1789	CALA-21-229523	GELC
Los Alamos Spring	—	06/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.286	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-1801	CALA-22-250802	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.289	—	—	0.067	mg/L	Y	—	J+	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	05/28/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	33.2	—	—	0.05	mg/L	Y	—	NQ	2015-1321	CALA-15-97446	GELC
Los Alamos Spring	—	09/09/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	34.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1730	CALA-20-206423	GELC
Los Alamos Spring	—	06/08/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	33.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1789	CALA-21-229523	GELC
Los Alamos Spring	—	06/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	31.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1801	CALA-22-250802	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	33.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	05/28/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.3	1.43	5.29	—	pCi/L	Y	U	U	2015-1321	CALA-15-97427	GELC
Los Alamos Spring	—	09/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.03	1.33	3.52	—	pCi/L	Y	U	U	N3B-2020-1730	CALA-20-206424	GELC
Los Alamos Spring	—	06/08/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.683	1.12	3.78	—	pCi/L	Y	U	U	N3B-2021-1789	CALA-21-229522	GELC
Los Alamos Spring	—	06/21/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.19	0.902	3.26	—	pCi/L	Y	U	U	N3B-2022-1801	CALA-22-250801	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.2	1.45	5.64	—	pCi/L	Y	U	U	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	05/28/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	17.5	—	—	0.335	mg/L	Y	—	NQ	2015-1321	CALA-15-97446	GELC
Los Alamos Spring	—	09/09/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.2	—	—	0.335	mg/L	Y	—	NQ	N3B-2020-1730	CALA-20-206423	GELC
Los Alamos Spring	—	06/08/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	19.1	—	—	0.335	mg/L	Y	—	NQ	N3B-2021-1789	CALA-21-229523	GELC
Los Alamos Spring	—	06/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18.7	—	—	0.335	mg/L	Y	—	J+	N3B-2022-1801	CALA-22-250802	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	18	—	—	0.335	mg/L	Y	—	J+	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	05/28/2015	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.78	—	—	2	µg/L	Y	J	J	2015-1321	CALA-15-97446	GELC
Los Alamos Spring	—	09/09/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-1730	CALA-20-206423	GELC
Los Alamos Spring	—	06/08/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.59	—	—	3	µg/L	Y	J	J	N3B-2021-1789	CALA-21-229523	GELC
Los Alamos Spring	—	06/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.38	—	—	3	µg/L	Y	J	J	N3B-2022-1801	CALA-22-250802	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.7	—	—	3	µg/L	Y	J	J	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	05/28/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.57	1.6	6.4	—	pCi/L	Y	U	U	2015-1321	CALA-15-97427	GELC
Los Alamos Spring	—	09/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.898	0.984	2.8	—	pCi/L	Y	U	U	N3B-2020-1730	CALA-20-206424	GELC
Los Alamos Spring	—	06/08/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.371	0.887	3.63	—	pCi/L	Y	U	U	N3B-2021-1789	CALA-21-229522	GELC
Los Alamos Spring	—	06/21/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.542	0.756	2.7	—	pCi/L	Y	U	U	N3B-2022-1801	CALA-22-250801	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	3.91	1.96	6.74	—	pCi/L	Y	U	UJ	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	05/28/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.816	—	—	0.033	mg/L	Y	—	NQ	2015-1321	CALA-15-97446	GELC
Los Alamos Spring	—	09/09/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.915	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1730	CALA-20-206423	GELC
Los Alamos Spring	—	06/08/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.949	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1789	CALA-21-229523	GELC
Los Alamos Spring	—	06/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.96	—	—	0.033	mg/L	Y	—	J+	N3B-2022-1801	CALA-22-250802	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.873	—	—	0.033	mg/L	Y	—	J+	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	05/28/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.37	0.536	1.74	—	pCi/L	Y	U	U	2015-1321	CALA-15-97427	GELC
Los Alamos Spring	—	09/09/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.82	1.09	2.84	—	pCi/L	Y	—	NQ	N3B-2020-1730	CALA-20-206424	GELC
Los Alamos Spring	—	06/08/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.65	0.899	2.7	—	pCi/L	Y	U	UJ	N3B-2021-1789	CALA-21-229522	GELC
Los Alamos Spring	—	06/21/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	2.25	1	2.79	—	pCi/L	Y	U	UJ	N3B-2022-1801	CALA-22-250801	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.743	0.736	2.68	—	pCi/L	Y	U	U	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	05/28/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.92	0.506	1.51	—	pCi/L	Y	—	NQ	2015-1321	CALA-15-97427	GELC
Los Alamos Spring	—	09/09/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.77	1.24	3.64	—	pCi/L	Y	—	NQ	N3B-2020-1730	CALA-20-206424	GELC
Los Alamos Spring	—	06/08/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.43	0.876	2.41	—	pCi/L	Y	—	NQ	N3B-2021-1789	CALA-21-229522	GELC
Los Alamos Spring	—	06/21/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	-1.02	0.717	2.81	—	pCi/L	Y	U	U	N3B-2022-1801	CALA-22-250801	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	2.93	0.841	2.31	—	pCi/L	Y	—	NQ	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	05/28/2015	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	118	—	—	0.453	mg/L	Y	—	NQ	2015-1321	CALA-15-97446	GELC
Los Alamos Spring	—	09/09/2020	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	120	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1730	CALA-20-206423	GELC
Los Alamos Spring	—	06/08/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	117	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-1789	CALA-21-229523	GELC
Los Alamos Spring	—	06/21/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	112	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1801	CALA-22-250802	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	119	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	05/28/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	8.49	—	—	0.11	mg/L	Y	—	NQ	2015-1321	CALA-15-97446	GELC
Los Alamos Spring	—	09/09/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	8.54	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1730	CALA-20-206423	GELC
Los Alamos Spring	—	06/08/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	8.29	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-1789	CALA-21-229523	GELC
Los Alamos Spring	—	06/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	7.88	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1801	CALA-22-250802	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	8.42	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	05/28/2015	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.51	—	—	0.165	µg/L	Y	—	NQ	2015-1321	CALA-15-97446	GELC
Los Alamos Spring	—	09/09/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.71	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1730	CALA-20-206423	GELC
Los Alamos Spring	—	06/08/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.55	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-1789	CALA-21-229523	GELC
Los Alamos Spring	—	06/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.55	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-1801	CALA-22-250802	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.53	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	05/28/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.97	2.81	10.5	—	pCi/L	Y	U	U	2015-1321	CALA-15-97427	GELC
Los Alamos Spring	—	09/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.83	1.77	6.47	—	pCi/L	Y	U	U	N3B-2020-1730	CALA-20-206424	GELC
Los Alamos Spring	—	06/08/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.589	1.64	6.17	—	pCi/L	Y	U	U	N3B-2021-1789	CALA-21-229522	GELC
Los Alamos Spring	—	06/21/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.18	1.66	6.15	—	pCi/L	Y	U	U	N3B-2022-1801	CALA-22-250801	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.583	2.05	7.7	—	pCi/L	Y	U	U	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	05/28/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.89	—	—	0.17	mg/L	Y	—	NQ	2015-1321	CALA-15-97446	GELC
Los Alamos Spring	—	09/09/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.05	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-1730	CALA-20-206423	GELC
Los Alamos Spring	—	06/08/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.07	—	—	0.17	mg/L	Y	—	NQ	N3B-2021-1789	CALA-21-229523	GELC
Los Alamos Spring	—	06/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.18	—	—	0.085	mg/L	Y	—	NQ	N3B-2022-1801	CALA-22-250802	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.13	—	—	0.17	mg/L	Y	—	J+	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	05/28/2015	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	1.73	—	—	0.2	µg/L	Y	—	NQ	2015-1321	CALA-15-97446	GELC
Los Alamos Spring	—	09/09/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	2.05	—	—	0.1	µg/L	Y	—	NQ	N3B-2020-1730	CALA-20-206423	GELC
Los Alamos Spring	—	06/08/2021	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	2.09	—	—	0.1	µg/L	Y	—	NQ	N3B-2021-1789	CALA-21-229523	GELC
Los Alamos Spring	—	06/21/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	1.92	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-1801	CALA-22-250802	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	2.05	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	05/28/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00932	0.00737	0.0315	—	pCi/L	Y	U	U	2015-1321	CALA-15-97427	GELC
Los Alamos Spring	—	09/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00856	0.0148	0.0931	—	pCi/L	Y	U	U	N3B-2020-1730	CALA-20-206424	GELC
Los Alamos Spring	—	06/08/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0167	0.0187	0.104	—	pCi/L	Y	U	U	N3B-2021-1789	CALA-21-229522	GELC
Los Alamos Spring	—	06/21/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00476	0.00673	0.0487	—	pCi/L	Y	U	U	N3B-2022-1801	CALA-22-250801	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00264	0.00523	0.07	—	pCi/L	Y	U	U	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	05/28/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00000000233	0.00872	0.0395	—	pCi/L	Y	U	U	2015-1321	CALA-15-97427	GELC
Los Alamos Spring	—	09/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00856	0.0191	0.126	—	pCi/L	Y	U	U	N3B-2020-1730	CALA-20-206424	GELC
Los Alamos Spring	—	06/08/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0251	0.0177	0.105	—	pCi/L	Y	U	U	N3B-2021-1789	CALA-21-229522	GELC
Los Alamos Spring	—	06/21/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0166	0.0092	0.0427	—	pCi/L	Y	U	U	N3B-2022-1801	CALA-22-250801	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00425	0.00739	0.0722	—	pCi/L	Y	U	U	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	05/28/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.9	—	—	0.05	mg/L	Y	—	NQ	2015-1321	CALA-15-97446	GELC
Los Alamos Spring	—	09/09/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.81	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1730	CALA-20-206423	GELC
Los Alamos Spring	—	06/08/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.56	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1789	CALA-21-229523	GELC
Los Alamos Spring	—	06/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	3.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1801	CALA-22-250802	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	3.66	—	—	0.05	mg/L	Y	—	J+	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	05/28/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	24.4	26.9	80	—	pCi/L	Y	U	U	2015-1321	CALA-15-97427	GELC
Los Alamos Spring	—	09/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-25.2	11.9	45.6	—	pCi/L	Y	U	U	N3B-2020-1730	CALA-20-206424	GELC
Los Alamos Spring	—	06/08/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-11.1	14.3	53.8	—	pCi/L	Y	U	UJ	N3B-2021-1789	CALA-21-229522	GELC
Los Alamos Spring	—	06/21/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.3	16.2	47.7	—	pCi/L	Y	U	UJ	N3B-2022-1801	CALA-22-250801	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12.7	21.7	59.9	—	pCi/L	Y	U	U	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	09/09/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.313	0.157	0.482	—	pCi/L	Y	U	U	N3B-2020-1730	CALA-20-206424	GELC
Los Alamos Spring	—	06/08/2021	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.03	0.0996	0.403	—	pCi/L	Y	U	U	N3B-2021-1789	CALA-21-229522	GELC
Los Alamos Spring	—	06/21/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.315	0.103	0.215	—	pCi/L	Y	—	U	N3B-2022-1801	CALA-22-250801	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.284	0.221	0.761	—	pCi/L	Y	U	UJ	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	09/09/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.313	0.216	—	—	pCi/L	Y	—	U	N3B-2020-1730	CALA-20-206424	GELC
Los Alamos Spring	—	06/08/2021	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.03	0.155	—	—	pCi/L	Y	—	U	N3B-2021-1789	CALA-21-229522	GELC
Los Alamos Spring	—	06/21/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	1.02	0.257	—	—	pCi/L	Y	—	NQ	N3B-2022-1801	CALA-22-250801	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.284	0.27	—	—	pCi/L	Y	U	UJ	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	09/09/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.00524	0.148	0.545	—	pCi/L	Y	U	U	N3B-2020-1730	CALA-20-206424	GELC
Los Alamos Spring	—	06/08/2021	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.224	0.119	0.496	—	pCi/L	Y	U	U	N3B-2021-1789	CALA-21-229522	GELC
Los Alamos Spring	—	06/21/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.702	0.235	0.649	—	pCi/L	Y	—	NQ	N3B-2022-1801	CALA-22-250801	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.699	0.155	0.778	—	pCi/L	Y	U	U	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	05/28/2015	WG	F	INIT	REG	INORGANIC	SW-846:6020	Selenium	Se	Y	3.34	—	—	1.5	µg/L	Y	J	J	2015-1321	CALA-15-97446	GELC
Los Alamos Spring	—	09/09/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	Y	3.54	—	—	2	µg/L	Y	J	J	N3B-2020-1730	CALA-20-206423	GELC
Los Alamos Spring	—	06/08/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	Y	2.72	—	—	2	µg/L	Y	J	J	N3B-2021-1789	CALA-21-229523	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Los Alamos Spring	—	06/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	Y	3.16	—	—	1.5	µg/L	Y	J	J	N3B-2022-1801	CALA-22-250802	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	Y	2.88	—	—	1.5	µg/L	Y	J	J	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	05/28/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	35.5	—	—	0.053	mg/L	Y	—	NQ	2015-1321	CALA-15-97446	GELC
Los Alamos Spring	—	09/09/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	36.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1730	CALA-20-206423	GELC
Los Alamos Spring	—	06/08/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	35.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-1789	CALA-21-229523	GELC
Los Alamos Spring	—	06/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	35	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1801	CALA-22-250802	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	35.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	05/28/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17	—	—	0.1	mg/L	Y	—	NQ	2015-1321	CALA-15-97446	GELC
Los Alamos Spring	—	09/09/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1730	CALA-20-206423	GELC
Los Alamos Spring	—	06/08/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-1789	CALA-21-229523	GELC
Los Alamos Spring	—	06/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	16.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1801	CALA-22-250802	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	17.6	—	—	0.1	mg/L	Y	—	J+	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	05/28/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.156	1.67	6.37	—	pCi/L	Y	U	U	2015-1321	CALA-15-97427	GELC
Los Alamos Spring	—	09/09/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.4	0.928	3.19	—	pCi/L	Y	U	U	N3B-2020-1730	CALA-20-206424	GELC
Los Alamos Spring	—	06/08/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.226	0.948	3.62	—	pCi/L	Y	U	U	N3B-2021-1789	CALA-21-229522	GELC
Los Alamos Spring	—	06/21/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.18	0.982	3.2	—	pCi/L	Y	U	U	N3B-2022-1801	CALA-22-250801	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.32	1.42	4.83	—	pCi/L	Y	U	U	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	05/28/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	324	—	—	3.63	µS/cm	Y	—	NQ	2015-1321	CALA-15-97446	GELC
Los Alamos Spring	—	09/09/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	351	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1730	CALA-20-206423	GELC
Los Alamos Spring	—	06/08/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	339	—	—	1	µS/cm	Y	—	NQ	N3B-2021-1789	CALA-21-229523	GELC
Los Alamos Spring	—	06/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	342	—	—	1	µS/cm	Y	—	NQ	N3B-2022-1801	CALA-22-250802	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	349	—	—	1	µS/cm	Y	—	NQ	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	05/28/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	183	—	—	1	µg/L	Y	—	NQ	2015-1321	CALA-15-97446	GELC
Los Alamos Spring	—	09/09/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	185	—	—	1	µg/L	Y	—	NQ	N3B-2020-1730	CALA-20-206423	GELC
Los Alamos Spring	—	06/08/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	165	—	—	1	µg/L	Y	—	NQ	N3B-2021-1789	CALA-21-229523	GELC
Los Alamos Spring	—	06/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	170	—	—	1	µg/L	Y	—	NQ	N3B-2022-1801	CALA-22-250802	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	175	—	—	1	µg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	05/28/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0848	0.12	0.473	—	pCi/L	Y	U	U	2015-1321	CALA-15-97427	GELC
Los Alamos Spring	—	09/09/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.109	0.143	0.493	—	pCi/L	Y	U	U	N3B-2020-1730	CALA-20-206424	GELC
Los Alamos Spring	—	06/08/2021	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.136	0.142	0.487	—	pCi/L	Y	U	U	N3B-2021-1789	CALA-21-229522	GELC
Los Alamos Spring	—	06/21/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.325	0.164	0.523	—	pCi/L	Y	U	UJ	N3B-2022-1801	CALA-22-250801	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.174	0.127	0.426	—	pCi/L	Y	U	UJ	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	05/28/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	32.4	—	—	0.665	mg/L	Y	—	NQ	2015-1321	CALA-15-97446	GELC
Los Alamos Spring	—	09/09/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	33.7	—	—	0.665	mg/L	Y	—	NQ	N3B-2020-1730	CALA-20-206423	GELC
Los Alamos Spring	—	06/08/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	34.9	—	—	0.665	mg/L	Y	—	NQ	N3B-2021-1789	CALA-21-229523	GELC
Los Alamos Spring	—	06/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	33.7	—	—	0.665	mg/L	Y	—	NQ	N3B-2022-1801	CALA-22-250802	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	33	—	—	0.665	mg/L	Y	—	J+	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	05/28/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	243	—	—	3.4	mg/L	Y	—	NQ	2015-1321	CALA-15-97446	GELC
Los Alamos Spring	—	09/09/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	206	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1730	CALA-20-206423	GELC
Los Alamos Spring	—	06/08/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	213	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-1789	CALA-21-229523	GELC
Los Alamos Spring	—	06/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	197	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-1801	CALA-22-250802	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	212	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	05/28/2015	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.841	—	—	0.33	mg/L	Y	J	J-	2015-1321	CALA-15-97427	GELC
Los Alamos Spring	—	09/09/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.766	—	—	0.33	mg/L	Y	J	J	N3B-2020-1730	CALA-20-206424	GELC
Los Alamos Spring	—	06/08/2021	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.529	—	—	0.33	mg/L	Y	J	J	N3B-2021-1789	CALA-21-229522	GELC
Los Alamos Spring	—	06/21/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.567	—	—	0.33	mg/L	Y	J	J	N3B-2022-1801	CALA-22-250801	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.615	—	—	0.33	mg/L	Y	J	J	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	05/28/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.065	—	—	0.017	mg/L	Y	—	U	2015-1321	CALA-15-97446	GELC
Los Alamos Spring	—	09/09/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0616	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1730	CALA-20-206423	GELC
Los Alamos Spring	—	06/08/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.022	—	—	0.02	mg/L	Y	J	J	N3B-2021-1789	CALA-21-229523	GELC
Los Alamos Spring	—	06/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2022-1801	CALA-22-250802	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.027	—	—	0.02	mg/L	Y	J	J	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	05/28/2015	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.74	—	—	0.067	µg/L	Y	—	NQ	2015-1321	CALA-15-97446	GELC
Los Alamos Spring	—	09/09/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.98	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1730	CALA-20-206423	GELC
Los Alamos Spring	—	06/08/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.84	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-1789	CALA-21-229523	GELC
Los Alamos Spring	—	06/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.63	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-1801	CALA-22-250802	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.92	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	05/28/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.28	0.0695	0.0918	—	pCi/L	Y	—	NQ	2015-1321	CALA-15-97427	GELC
Los Alamos Spring	—	09/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.39	0.084	0.103	—	pCi/L	Y	—	NQ	N3B-2020-1730	CALA-20-206424	GELC
Los Alamos Spring	—	06/08/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.08	0.0606	0.0682	—	pCi/L	Y	—	NQ	N3B-2021-1789	CALA-21-229522	GELC
Los Alamos Spring	—	06/21/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.93	0.103	0.118	—	pCi/L	Y	—	J	N3B-2022-1801	CALA-22-250801	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.41	0.104	0.0847	—	pCi/L	Y	—	NQ	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	05/28/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.038	0.0153	0.0586	—	pCi/L	Y	U	U	2015-1321	CALA-15-97427	GELC
Los Alamos Spring	—	09/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0613	0.0206	0.0677	—	pCi/L	Y	U	U	N3B-2020-1730	CALA-20-206424	GELC
Los Alamos Spring	—	06/08/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0524	0.0174	0.0562	—	pCi/L	Y	U	UJ	N3B-2021-1789	CALA-21-229522	GELC
Los Alamos Spring	—	06/21/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.049	0.0307	0.123	—	pCi/L	Y	U	UJ	N3B-2022-1801	CALA-22-250801	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0643	0.019	0.0808	—	pCi/L	Y	U	UJ	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	05/28/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.837	0.0561	0.0655	—	pCi/L	Y	—	NQ	2015-1321	CALA-15-97427	GELC
Los Alamos Spring	—	09/09/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.895	0.0673	0.0918	—	pCi/L	Y	—	NQ	N3B-2020-1730	CALA-20-206424	GELC
Los Alamos Spring	—	06/08/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.651	0.0475	0.071	—	pCi/L	Y	—	NQ	N3B-2021-1789	CALA-21-229522	GELC
Los Alamos Spring	—	06/21/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.681	0.0835	0.136	—	pCi/L	Y	—	J	N3B-2022-1801	CALA-22-250801	GELC
Los Alamos Spring	—	06/20/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.791	0.0679	0.0813	—	pCi/L	Y	—	NQ	N3B-2023-3139	CALA-23-287704	GELC
Los Alamos Spring	—	05/28/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	8.92	—	—	1	µg/L	Y	—	NQ	2015-1321	CALA-15-97446	GELC
Los Alamos Spring	—	09/09/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	9.77	—	—	1	µg/L	Y	—	NQ	N3B-2020-1730	CALA-20-206423	GELC
Los Alamos Spring	—	06/08/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	9.52	—	—	1	µg/L	Y	—	NQ	N3B-2021-1789	CALA-21-229523	GELC
Los Alamos Spring	—	06/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	9.83	—	—	1	µg/L	Y	—	NQ	N3B-2022-1801	CALA-22-250802	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	9.53	—	—	1	µg/L	Y	—	NQ	N3B-2023-3139	CALA-23-287705	GELC
Los Alamos Spring	—	05/28/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2015-1321	CALA-15-97446	GELC
Los Alamos Spring	—	09/09/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	6.08	—	—	3.3	µg/L	Y	J	U	N3B-2020-1730	CALA-20-206423	GELC
Los Alamos Spring	—	06/08/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2021-1789	CALA-21-229523	GELC
Los Alamos Spring	—	06/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	4.26	—	—	3.3	µg/L	Y	J	J	N3B-2022-1801	CALA-22-250802	GELC
Los Alamos Spring	—	06/20/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	8.78	—	—	3.3	µg/L	Y	J	J	N3B-2023-3139	CALA-23-287705	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	—	—	0.01	SU	Y	H	J-	10-3585	CAMO-10-22810	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	—	—	0.01	SU	Y	H	NQ	2015-2152	CAMO-15-102593	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	—	—	0.01	SU	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	—	—	0.01	SU	Y	H	NQ	2016-1833	CAMO-16-124282	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	—	—	0.01	SU	Y	H	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.37	—	—	0.01	SU	Y	H	J	N3B-2022-2369	CAMO-22-252008	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	—	—	0.73	mg/L	Y	—	NQ	10-3585	CAMO-10-22810	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	—	—	0.725	mg/L	Y	—	NQ	2015-2152	CAMO-15-102593	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	—	—	1.45	mg/L	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	—	—	1.45	mg/L	Y	—	NQ	2016-1833	CAMO-16-124282	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	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	94.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	134	—	—	68	µg/L	Y	J	J	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	332	—	—	68	µg/L	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	—	—	68	µg/L	Y	—	NQ	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	123	—	—	68	µg/L	Y	J	J	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	Y	129	—	—	68	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252008	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	0.036	—	pCi/L	Y	U	U	10-3586	CAMO-10-22811	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	0.0572	—	pCi/L	Y	—	NQ	2015-2152	CAMO-15-102569	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	0.0231	—	pCi/L	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	0.024	—	pCi/L	Y	—	NQ	2016-1833	CAMO-16-124258	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	0.223	—	pCi/L	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	Y	0.114	0.0199	0.0483	—	pCi/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252007	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	—	—	0.016	mg/L	Y	—	J-	10-3585	CAMO-10-22810	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	—	—	0.017	mg/L	Y	—	NQ	2015-2152	CAMO-15-102593	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	—	—	0.017	mg/L	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	—	—	0.017	mg/L	Y	J	U	2016-1833	CAMO-16-124282	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	—	—	0.017	mg/L	Y	J	J	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0623	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.5	µg/L	Y	U	U	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	4.19	—	—	1.7	µg/L	Y	J	J	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	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	—	—	1.7	µg/L	Y	U	U	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.55	—	—	2	µg/L	Y	J	J	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.9	—	—	2	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Barium	Ba	Y	125	—	—	1	µg/L	Y	—	NQ	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	113	—	—	1	µg/L	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	83.3	—	—	1	µg/L	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	—	—	1	µg/L	Y	—	NQ	2016-1833	CAMO-16-124248	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	96.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	97.3	—	—	1	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Boron	B	Y	48.2	—	—	15	µg/L	Y	J	J	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	61.6	—	—	15	µg/L	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	55.8	—	—	15	µg/L	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	—	—	15	µg/L	Y	—	NQ	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	30.1	—	—	15	µg/L	Y	J	J	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	50.9	—	—	15	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Calcium	Ca	Y	41.8	—	—	0.05	mg/L	Y	—	NQ	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	35.4	—	—	0.05	mg/L	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	29.4	—	—	0.05	mg/L	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	—	—	0.05	mg/L	Y	—	NQ	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	33.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	34	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	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	4.7	—	pCi/L	Y	U	U	10-3586	CAMO-10-22811	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	4.29	—	pCi/L	Y	U	U	2015-2152	CAMO-15-102569	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	5.55	—	pCi/L	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	6.81	—	pCi/L	Y	U	U	2016-1833	CAMO-16-124258	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	3.25	—	pCi/L	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.92	2.19	4.12	—	pCi/L	Y	U	UJ	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	123	—	—	1.3	mg/L	Y	—	NQ	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	79.3	—	—	1.34	mg/L	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	49.8	—	—	0.67	mg/L	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	—	—	0.67	mg/L	Y	—	NQ	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	103	—	—	1.34	mg/L	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	89.9	—	—	1.34	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Cobalt	Co	N	5	—	—	1	µg/L	Y	U	U	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	Y	1.51	—	—	1	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252008	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	6.1	—	pCi/L	Y	U	U	10-3586	CAMO-10-22811	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	4.56	—	pCi/L	Y	U	U	2015-2152	CAMO-15-102569	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.158	1.36	5.2	—	pCi/L	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	6.82	—	pCi/L	Y	U	U	2016-1833	CAMO-16-124258	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	2.83	—	pCi/L	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.362	0.915	3.92	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.638	—	—	0.033	mg/L	Y	—	NQ	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.826	—	—	0.033	mg/L	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.669	—	—	0.033	mg/L	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	—	—	0.033	mg/L	Y	—	NQ	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.756	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.715	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/06/2010	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.133	0.8	2.8	—	pCi/L	Y	U	U	10-3586	CAMO-10-22811	GELC
MCO-5	21.0	08/12/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.35	0.998	2.96	—	pCi/L	Y	U	U	2015-2152	CAMO-15-102569	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.3	0.75	2.04	—	pCi/L	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	2.24	—	pCi/L	Y	U	U	2016-1833	CAMO-16-124258	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.594	0.604	2.89	—	pCi/L	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.772	0.78	2.91	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/06/2010	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	94.2	8.5	2.8	—	pCi/L	Y	—	NQ	10-3586	CAMO-10-22811	GELC
MCO-5	21.0	08/12/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	94.2	3.61	2.86	—	pCi/L	Y	—	NQ	2015-2152	CAMO-15-102569	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	63.1	1.01	1.63	—	pCi/L	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	1.17	—	pCi/L	Y	—	NQ	2016-1833	CAMO-16-124258	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	59.8	1.97	2.99	—	pCi/L	Y	—	NQ	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	59.8	2.66	2.27	—	pCi/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	120	—	—	0.35	mg/L	Y	—	NQ	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	102	—	—	0.453	mg/L	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	83.6	—	—	0.453	mg/L	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	—	—	0.453	mg/L	Y	—	NQ	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	94.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	96.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	58.5	—	—	30	µg/L	Y	J	J	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	170	—	—	30	µg/L	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	—	—	30	µg/L	Y	—	NQ	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	63	—	—	30	µg/L	Y	J	J	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	Y	74.7	—	—	30	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Magnesium	Mg	Y	3.87	—	—	0.085	mg/L	Y	—	NQ	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.23	—	—	0.11	mg/L	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.46	—	—	0.11	mg/L	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	—	—	0.11	mg/L	Y	—	NQ	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.8	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	2.78	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	10	—	—	2	µg/L	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	—	—	2	µg/L	Y	U	U	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	6.83	—	—	2	µg/L	Y	J	J	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	Y	2.42	—	—	2	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	20.6	—	—	0.1	µg/L	Y	—	NQ	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	30.6	—	—	0.165	µg/L	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	25.5	—	—	0.165	µg/L	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	—	—	0.165	µg/L	Y	—	J	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	25.4	—	—	0.2	µg/L	Y	E	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	23.9	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	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	8.9	—	pCi/L	Y	U	U	10-3586	CAMO-10-22811	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	8.04	—	pCi/L	Y	U	U	2015-2152	CAMO-15-102569	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	9.43	—	pCi/L	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	12.2	—	pCi/L	Y	U	U	2016-1833	CAMO-16-124258	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	6.68	—	pCi/L	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	26.7	11.1	7.34	—	pCi/L	Y	UI	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.86	—	—	0.5	µg/L	Y	—	NQ	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.708	—	—	0.5	µg/L	Y	J	J	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.528	—	—	0.5	µg/L	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	—	—	0.5	µg/L	Y	J	J	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.687	—	—	0.6	µg/L	Y	J	J	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	0.652	—	—	0.6	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252008	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	—	—	0.05	mg/L	Y	—	J-	10-3585	CAMO-10-22810	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	—	—	0.017	mg/L	Y	—	NQ	2015-2152	CAMO-15-102593	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	—	—	0.017	mg/L	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	—	—	0.085	mg/L	Y	—	NQ	2016-1833	CAMO-16-124282	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	—	—	0.017	mg/L	Y	J	J	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.448	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	8.27	—	—	1	µg/L	Y	—	NQ	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	7.13	—	—	0.5	µg/L	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	4.03	—	—	0.5	µg/L	Y	—	NQ	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	4.6	—	—	0.5	µg/L	Y	—	NQ	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	6.05	—	—	0.25	µg/L	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	2.42	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	3.37	—	—	0.585	ng/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	12.8	—	—	0.709	ng/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	7.81	—	—	0.709	ng/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252007	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	0.031	—	pCi/L	Y	U	U	10-3586	CAMO-10-22811	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	0.0364	—	pCi/L	Y	—	NQ	2015-2152	CAMO-15-102569	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	0.0361	—	pCi/L	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	0.0348	—	pCi/L	Y	—	NQ	2016-1833	CAMO-16-124258	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	0.393	—	pCi/L	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	Y	0.106	0.0209	0.0548	—	pCi/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252007	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	0.032	—	pCi/L	Y	U	U	10-3586	CAMO-10-22811	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	0.0485	—	pCi/L	Y	—	NQ	2015-2152	CAMO-15-102569	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	0.0451	—	pCi/L	Y	—	NQ	2016-1833	CAMO-16-124246	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
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	0.0435	—	pCi/L	Y	—	J	2016-1833	CAMO-16-124258	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	0.43	—	pCi/L	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	Y	0.123	0.0218	0.057	—	pCi/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Potassium	K	Y	14.9	—	—	0.05	mg/L	Y	—	NQ	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	13.9	—	—	0.05	mg/L	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	10.6	—	—	0.05	mg/L	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	—	—	0.05	mg/L	Y	—	NQ	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	10.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	11.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/06/2010	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	53.3	20	41	—	pCi/L	Y	UI	R	10-3586	CAMO-10-22811	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	38.9	—	pCi/L	Y	U	U	2015-2152	CAMO-15-102569	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	70	—	pCi/L	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	106	—	pCi/L	Y	U	U	2016-1833	CAMO-16-124258	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	29.4	—	pCi/L	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.843	15	60.2	—	pCi/L	Y	U	UJ	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	06/07/2004	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	Y	7.28	3.78	6.15	—	pCi/L	Y	—	R	114586	GU04060G5CM01	GELC
MCO-5	21.0	06/07/2004	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.242	0.108	0.317	—	pCi/L	Y	U	U	114586	GU04060G5CM01	GELC
MCO-5	21.0	05/03/2005	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.993	0.299	0.788	—	pCi/L	Y	—	J	135782	GU05050G5CM01	GELC
MCO-5	21.0	02/07/2008	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.249	0.11	0.33	—	pCi/L	Y	U	U	08-603	CAMO-08-10473	GELC
MCO-5	21.0	02/11/2009	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0636	0.09	0.35	—	pCi/L	Y	U	U	09-885	CAMO-09-2593	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.322	0.116	0.281	—	pCi/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	1.21	0.367	—	—	pCi/L	Y	J	J	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	05/30/2002	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-228	Ra-228	N	4.06	5.01	18.6	—	pCi/L	Y	U	U	61409	GU02050G5CM01	GELC
MCO-5	21.0	06/07/2004	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-228	Ra-228	N	5.64	3.24	12.9	—	pCi/L	Y	U	U	114586	GU04060G5CM01	GELC
MCO-5	21.0	02/07/2008	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.595	0.18	0.49	—	pCi/L	Y	—	NQ	08-603	CAMO-08-10473	GELC
MCO-5	21.0	02/11/2009	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.255	0.23	0.77	—	pCi/L	Y	U	U	09-885	CAMO-09-2593	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.889	0.349	1.03	—	pCi/L	Y	U	UJ	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Silicon Dioxide	SiO2	Y	34	—	—	0.053	mg/L	Y	—	NQ	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	42.7	—	—	0.053	mg/L	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	46.2	—	—	0.053	mg/L	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	—	—	0.053	mg/L	Y	—	NQ	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	35.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	40.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Sodium	Na	Y	59.1	—	—	0.1	mg/L	Y	—	NQ	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	63.4	—	—	0.1	mg/L	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	56.2	—	—	0.1	mg/L	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	—	—	0.1	mg/L	Y	—	NQ	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	60.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	65.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	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	5.4	—	pCi/L	Y	U	U	10-3586	CAMO-10-22811	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	3.49	—	pCi/L	Y	U	U	2015-2152	CAMO-15-102569	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	4.77	—	pCi/L	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	7.17	—	pCi/L	Y	U	U	2016-1833	CAMO-16-124258	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	3.04	—	pCi/L	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-3.17	1.42	3.13	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	636	—	—	1	µS/cm	Y	—	NQ	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	528	—	—	3.63	µS/cm	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	426	—	—	3.63	µS/cm	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	—	—	3.63	µS/cm	Y	—	NQ	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	555	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	567	—	—	1	µS/cm	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Strontium	Sr	Y	169	—	—	1	µg/L	Y	—	NQ	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	143	—	—	1	µg/L	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	104	—	—	1	µg/L	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	—	—	1	µg/L	Y	—	NQ	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	123	—	—	1	µg/L	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	125	—	—	1	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	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	0.44	—	pCi/L	Y	—	NQ	10-3586	CAMO-10-22811	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	0.782	—	pCi/L	Y	—	NQ	2015-2152	CAMO-15-102569	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	0.491	—	pCi/L	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	0.486	—	pCi/L	Y	—	NQ	2016-1833	CAMO-16-124258	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	27.5	0.666	0.371	—	pCi/L	Y	—	NQ	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	34.2	2.98	0.456	—	pCi/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	12.8	—	—	0.1	mg/L	Y	—	NQ	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.9	—	—	0.133	mg/L	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.92	—	—	0.133	mg/L	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	—	—	0.133	mg/L	Y	—	NQ	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	12.8	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	13.9	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	409	—	—	2.4	mg/L	Y	—	NQ	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	457	—	—	3.4	mg/L	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	07/29/2016	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	273	—	—	3.4	mg/L	N	H	J	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	280	—	—	3.4	mg/L	Y	H	NQ	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	—	—	3.4	mg/L	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	—	—	3.4	mg/L	Y	H	NQ	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	326	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	306	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/06/2010	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.07	—	—	0.33	mg/L	Y	—	NQ	10-3584	CAMO-10-22811	GELC
MCO-5	21.0	08/12/2015	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.56	—	—	0.33	mg/L	Y	—	NQ	2015-2152	CAMO-15-102569	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.67	—	—	0.33	mg/L	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	—	—	0.33	mg/L	Y	—	NQ	2016-1833	CAMO-16-124258	GELC
MCO-5	21.0	07/22/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	4.08	—	—	0.33	mg/L	Y	—	NQ	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	2.78	—	—	0.33	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	Y	23.98	—	—	—	ng/L	—	—	NQ	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.092	—	—	0.015	mg/L	Y	—	U	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0993	—	—	0.017	mg/L	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0965	—	—	0.02	mg/L	Y	—	NQ	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.175	—	—	0.02	mg/L	Y	—	NQ	2016-1833	CAMO-16-124282	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	—	—	0.02	mg/L	Y	—	U	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0649	—	—	0.02	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
MCO-5	21.0	07/06/2010	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	982	140	240	—	pCi/L	Y	—	NQ	10-3586	CAMO-10-22811	GELC
MCO-5	21.0	08/12/2015	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	N	69.3	51.6	171	—	pCi/L	Y	U	U	2015-2152	CAMO-15-102569	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	FD	RAD	EPA:906.0	Tritium	H-3	N	63.6	55.2	187	—	pCi/L	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	186	—	pCi/L	Y	U	U	2016-1833	CAMO-16-124258	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	2.924	—	pCi/L	Y	—	NQ	N3B-2019-2777	CAMO-19-182774	ARSL
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	71.93	10.925	2.969	—	pCi/L	Y	Q	J	N3B-2022-2412	CAMO-22-252007	ARSL
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.158	—	—	0.05	µg/L	Y	J	U	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.349	—	—	0.067	µg/L	Y	—	NQ	2015-2152	CAMO-15-102593	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.262	—	—	0.067	µg/L	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	—	—	0.067	µg/L	Y	—	NQ	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.137	—	—	0.067	µg/L	Y	J	J	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.181	—	—	0.067	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252008	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	0.073	—	pCi/L	Y	—	NQ	10-3586	CAMO-10-22811	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	0.0999	—	pCi/L	Y	—	NQ	2015-2152	CAMO-15-102569	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	0.0896	—	pCi/L	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	0.0921	—	pCi/L	Y	—	NQ	2016-1833	CAMO-16-124258	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	0.373	—	pCi/L	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.228	0.0382	0.116	—	pCi/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252007	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	0.044	—	pCi/L	Y	U	U	10-3586	CAMO-10-22811	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	0.0663	—	pCi/L	Y	U	U	2015-2152	CAMO-15-102569	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	0.081	—	pCi/L	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	0.0833	—	pCi/L	Y	U	U	2016-1833	CAMO-16-124258	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	0.312	—	pCi/L	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00512	0.00888	0.0798	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252007	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	0.051	—	pCi/L	Y	—	NQ	10-3586	CAMO-10-22811	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	0.0626	—	pCi/L	Y	—	NQ	2015-2152	CAMO-15-102569	GELC
MCO-5	21.0	07/29/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.178	0.0217	0.0508	—	pCi/L	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	0.0522	—	pCi/L	Y	—	J	2016-1833	CAMO-16-124258	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	0.297	—	pCi/L	Y	U	U	N3B-2019-2613	CAMO-19-182774	GELC
MCO-5	21.0	07/21/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0705	0.0194	0.0734	—	pCi/L	Y	U	UJ	N3B-2022-2369	CAMO-22-252007	GELC
MCO-5	21.0	07/06/2010	WG	F	INIT	REG	INORGANIC	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	10-3585	CAMO-10-22810	GELC
MCO-5	21.0	08/12/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2015-2152	CAMO-15-102593	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
MCO-5	21.0	07/29/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2016-1833	CAMO-16-124282	GELC
MCO-5	21.0	07/29/2016	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2016-1833	CAMO-16-124248	GELC
MCO-5	21.0	07/22/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	7.89	—	—	3.3	µg/L	Y	J	U	N3B-2019-2613	CAMO-19-182773	GELC
MCO-5	21.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	400	—	—	3.3	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252008	GELC
PAO-5n	7.43	06/08/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.13	—	—	0.01	SU	Y	H	NQ	2016-1356	CAPU-16-116872	GELC
PAO-5n	7.43	06/19/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.18	—	—	0.01	SU	Y	H	NQ	2017-1775	CAPU-17-139090	GELC
PAO-5n	7.43	06/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.8	—	—	0.01	SU	Y	H	NQ	N3B-2018-30	CAPU-18-76	GELC
PAO-5n	7.43	06/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.86	—	—	0.01	SU	Y	H	NQ	N3B-2019-2273	CAPU-19-181502	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.47	—	—	0.01	SU	Y	H	J	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/08/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.3	—	—	0.33	mg/L	Y	—	NQ	2016-1356	CAPU-16-116872	GELC
PAO-5n	7.43	06/19/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	52.2	—	—	1.45	mg/L	Y	—	NQ	2017-1775	CAPU-17-139090	GELC
PAO-5n	7.43	06/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-30	CAPU-18-76	GELC
PAO-5n	7.43	06/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2273	CAPU-19-181502	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	112	—	—	0.725	mg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/08/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2016-1356	CAPU-16-116872	GELC
PAO-5n	7.43	06/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	2017-1775	CAPU-17-139090	GELC
PAO-5n	7.43	06/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	179	—	—	68	µg/L	Y	J	J	N3B-2018-30	CAPU-18-76	GELC
PAO-5n	7.43	06/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	Y	118	—	—	68	µg/L	Y	J	J	N3B-2019-2273	CAPU-19-181502	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	Y	650	—	—	68	µg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/11/2002	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00769	0.0077	0.027	—	pCi/L	Y	U	U	874S	CAPU-02-45070	GEL
PAO-5n	7.43	06/04/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00485	0.00766	0.0466	—	pCi/L	Y	U	U	2015-1362	CAPA-15-97485	GELC
PAO-5n	7.43	06/08/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00581	0.00643	0.0222	—	pCi/L	Y	U	U	2016-1356	CAPU-16-116864	GELC
PAO-5n	7.43	06/20/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0346	0.0116	0.0387	—	pCi/L	Y	U	U	N3B-2019-2273	CAPU-19-181503	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.015	0.00999	0.0556	—	pCi/L	Y	U	U	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/08/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.52	—	—	1.7	µg/L	Y	J	J	2016-1356	CAPU-16-116872	GELC
PAO-5n	7.43	06/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	4.43	—	—	2	µg/L	Y	J	J	2017-1775	CAPU-17-139090	GELC
PAO-5n	7.43	06/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	5.66	—	—	2	µg/L	Y	—	NQ	N3B-2018-30	CAPU-18-76	GELC
PAO-5n	7.43	06/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	4.68	—	—	2	µg/L	Y	J	J	N3B-2019-2273	CAPU-19-181502	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	7.4	—	—	2	µg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/08/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	47.8	—	—	1	µg/L	Y	—	NQ	2016-1356	CAPU-16-116872	GELC
PAO-5n	7.43	06/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	53.6	—	—	1	µg/L	Y	E	NQ	2017-1775	CAPU-17-139090	GELC
PAO-5n	7.43	06/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	45.9	—	—	1	µg/L	Y	—	NQ	N3B-2018-30	CAPU-18-76	GELC
PAO-5n	7.43	06/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	44	—	—	1	µg/L	Y	—	NQ	N3B-2019-2273	CAPU-19-181502	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	44.6	—	—	1	µg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/08/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	238	—	—	15	µg/L	Y	—	NQ	2016-1356	CAPU-16-116872	GELC
PAO-5n	7.43	06/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	224	—	—	15	µg/L	Y	—	NQ	2017-1775	CAPU-17-139090	GELC
PAO-5n	7.43	06/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	246	—	—	15	µg/L	Y	—	NQ	N3B-2018-30	CAPU-18-76	GELC
PAO-5n	7.43	06/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	267	—	—	15	µg/L	Y	—	NQ	N3B-2019-2273	CAPU-19-181502	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	219	—	—	15	µg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/08/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.7	—	—	0.05	mg/L	Y	—	NQ	2016-1356	CAPU-16-116872	GELC
PAO-5n	7.43	06/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	26	—	—	0.05	mg/L	Y	—	J-	2017-1775	CAPU-17-139090	GELC
PAO-5n	7.43	06/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-30	CAPU-18-76	GELC
PAO-5n	7.43	06/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2273	CAPU-19-181502	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	17.4	—	—	0.05	mg/L	Y	N	J-	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/11/2002	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	4.02	1.6	3.1	—	pCi/L	Y	—	U	874S	CAPU-02-45070	GEL
PAO-5n	7.43	06/04/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.499	1.17	3.65	—	pCi/L	Y	U	U	2015-1362	CAPA-15-97485	GELC
PAO-5n	7.43	06/08/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.22	1.34	4.6	—	pCi/L	Y	U	U	2016-1356	CAPU-16-116864	GELC
PAO-5n	7.43	06/20/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.378	0.862	3.18	—	pCi/L	Y	U	U	N3B-2019-2273	CAPU-19-181503	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.217	1.23	4.66	—	pCi/L	Y	U	U	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/08/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	48	—	—	0.67	mg/L	Y	—	NQ	2016-1356	CAPU-16-116872	GELC
PAO-5n	7.43	06/19/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	52.8	—	—	0.67	mg/L	Y	—	NQ	2017-1775	CAPU-17-139090	GELC
PAO-5n	7.43	06/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	53.3	—	—	0.67	mg/L	Y	—	NQ	N3B-2018-30	CAPU-18-76	GELC
PAO-5n	7.43	06/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	56.3	—	—	0.67	mg/L	Y	—	NQ	N3B-2019-2273	CAPU-19-181502	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	39.5	—	—	0.67	mg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/11/2002	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.94	0.73	2	—	pCi/L	Y	U	U	874S	CAPU-02-45070	GEL
PAO-5n	7.43	06/04/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0663	1.12	3.54	—	pCi/L	Y	U	U	2015-1362	CAPA-15-97485	GELC
PAO-5n	7.43	06/08/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.78	1.38	4.6	—	pCi/L	Y	U	U	2016-1356	CAPU-16-116864	GELC
PAO-5n	7.43	06/20/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.537	1.21	4.36	—	pCi/L	Y	U	U	N3B-2019-2273	CAPU-19-181503	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.67	1.2	5.15	—	pCi/L	Y	U	U	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/08/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	4.45	—	—	3	µg/L	Y	J	J	2016-1356	CAPU-16-116872	GELC
PAO-5n	7.43	06/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	3.58	—	—	3	µg/L	Y	J	J	2017-1775	CAPU-17-139090	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
PAO-5n	7.43	06/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2018-30	CAPU-18-76	GELC
PAO-5n	7.43	06/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	5.37	—	—	3	µg/L	Y	J	J	N3B-2019-2273	CAPU-19-181502	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	Y	4.87	—	—	3	µg/L	Y	J	J	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/08/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.425	—	—	0.033	mg/L	Y	—	NQ	2016-1356	CAPU-16-116872	GELC
PAO-5n	7.43	06/19/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.367	—	—	0.033	mg/L	Y	—	NQ	2017-1775	CAPU-17-139090	GELC
PAO-5n	7.43	06/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.428	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-30	CAPU-18-76	GELC
PAO-5n	7.43	06/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.43	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2273	CAPU-19-181502	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.61	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/08/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.55	0.908	2.96	—	pCi/L	Y	U	U	2016-1356	CAPU-16-116864	GELC
PAO-5n	7.43	06/19/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.398	0.748	2.94	—	pCi/L	Y	U	U	2017-1775	CAPU-17-139098	GELC
PAO-5n	7.43	06/12/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.858	0.757	2.72	—	pCi/L	Y	U	U	N3B-2018-30	CAPU-18-77	GELC
PAO-5n	7.43	06/20/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.73	0.782	2.92	—	pCi/L	Y	U	U	N3B-2019-2273	CAPU-19-181503	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.599	0.565	2.06	—	pCi/L	Y	U	U	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/08/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	14.5	0.592	1.04	—	pCi/L	Y	—	NQ	2016-1356	CAPU-16-116864	GELC
PAO-5n	7.43	06/19/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	12.2	1.31	3	—	pCi/L	Y	—	NQ	2017-1775	CAPU-17-139098	GELC
PAO-5n	7.43	06/12/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	13.5	0.896	1.83	—	pCi/L	Y	—	NQ	N3B-2018-30	CAPU-18-77	GELC
PAO-5n	7.43	06/20/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	11.5	1.34	2.67	—	pCi/L	Y	—	NQ	N3B-2019-2273	CAPU-19-181503	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	14	1.41	2.36	—	pCi/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/08/2016	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	76.2	—	—	0.453	mg/L	Y	—	NQ	2016-1356	CAPU-16-116872	GELC
PAO-5n	7.43	06/19/2017	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	87.6	—	—	0.453	mg/L	Y	—	NQ	2017-1775	CAPU-17-139090	GELC
PAO-5n	7.43	06/12/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	76.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-30	CAPU-18-76	GELC
PAO-5n	7.43	06/20/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	67.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2273	CAPU-19-181502	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/08/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	92.8	—	—	30	µg/L	Y	J	J	2016-1356	CAPU-16-116872	GELC
PAO-5n	7.43	06/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	58.1	—	—	30	µg/L	Y	J	J	2017-1775	CAPU-17-139090	GELC
PAO-5n	7.43	06/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	142	—	—	30	µg/L	Y	—	NQ	N3B-2018-30	CAPU-18-76	GELC
PAO-5n	7.43	06/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	115	—	—	30	µg/L	Y	—	NQ	N3B-2019-2273	CAPU-19-181502	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	Y	383	—	—	30	µg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/08/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.76	—	—	0.11	mg/L	Y	—	NQ	2016-1356	CAPU-16-116872	GELC
PAO-5n	7.43	06/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.48	—	—	0.11	mg/L	Y	—	NQ	2017-1775	CAPU-17-139090	GELC
PAO-5n	7.43	06/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.87	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-30	CAPU-18-76	GELC
PAO-5n	7.43	06/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.26	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2273	CAPU-19-181502	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	4.77	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/08/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.09	—	—	0.165	µg/L	Y	—	NQ	2016-1356	CAPU-16-116872	GELC
PAO-5n	7.43	06/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.64	—	—	0.2	µg/L	Y	—	NQ	2017-1775	CAPU-17-139090	GELC
PAO-5n	7.43	06/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.19	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-30	CAPU-18-76	GELC
PAO-5n	7.43	06/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.65	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2273	CAPU-19-181502	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	9.3	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/19/2000	WG	UF	INIT	REG	RAD	Generic:Gamma Spec.	Neptunium-237	Np-237	N	-9	10	16	—	pCi/L	Y	U	U	6867R	CAPU-00-0014	PARA
PAO-5n	7.43	06/04/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.984	2.15	7.11	—	pCi/L	Y	U	U	2015-1362	CAPA-15-97485	GELC
PAO-5n	7.43	06/08/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.41	2.48	8.93	—	pCi/L	Y	U	U	2016-1356	CAPU-16-116864	GELC
PAO-5n	7.43	06/20/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.55	2.67	8.62	—	pCi/L	Y	U	U	N3B-2019-2273	CAPU-19-181503	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.72	2.4	9.25	—	pCi/L	Y	U	U	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/08/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.15	—	—	0.5	µg/L	Y	—	NQ	2016-1356	CAPU-16-116872	GELC
PAO-5n	7.43	06/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.68	—	—	0.6	µg/L	Y	—	NQ	2017-1775	CAPU-17-139090	GELC
PAO-5n	7.43	06/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.31	—	—	0.6	µg/L	Y	—	NQ	N3B-2018-30	CAPU-18-76	GELC
PAO-5n	7.43	06/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	5.02	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2273	CAPU-19-181502	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	2.44	—	—	0.6	µg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/11/2002	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.1	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.73	—	—	0.01	mg/L	Y	—	NQ	873S	CAPU-02-45069	GEL
PAO-5n	7.43	06/04/2015	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	7.15	—	—	0.085	mg/L	N	H	J-	2015-1362	CAPA-15-97493	GELC
PAO-5n	7.43	06/04/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	7.3	—	—	0.17	mg/L	Y	—	NQ	2015-1362	CAPA-15-97493	GELC
PAO-5n	7.43	06/08/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3	—	—	0.085	mg/L	Y	—	NQ	2016-1356	CAPU-16-116872	GELC
PAO-5n	7.43	06/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.25	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-2273	CAPU-19-181502	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.639	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	09/01/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	15.4	—	—	0.61	ng/L	Y	—	NQ	N3B-2020-1683	CAPU-20-206446	GELC
PAO-5n	7.43	06/18/2021	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	9.61	—	—	0.6	ng/L	Y	—	NQ	N3B-2021-1876	CAPU-21-229562	GELC
PAO-5n	7.43	06/24/2022	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	13.4	—	—	0.679	ng/L	Y	—	NQ	N3B-2022-1951	CAPU-22-250824	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	6.45	—	—	0.545	ng/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	09/01/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	124	—	—	0.739	ng/L	Y	—	NQ	N3B-2020-1683	CAPU-20-206446	GELC
PAO-5n	7.43	06/18/2021	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	63.9	—	—	0.727	ng/L	Y	—	NQ	N3B-2021-1876	CAPU-21-229562	GELC
PAO-5n	7.43	06/24/2022	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	143	—	—	0.823	ng/L	Y	—	NQ	N3B-2022-1951	CAPU-22-250824	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	111	—	—	0.66	ng/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	09/01/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	40	—	—	0.739	ng/L	Y	—	NQ	N3B-2020-1683	CAPU-20-206446	GELC
PAO-5n	7.43	06/18/2021	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	34.1	—	—	0.727	ng/L	Y	—	NQ	N3B-2021-1876	CAPU-21-229562	GELC
PAO-5n	7.43	06/24/2022	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	39.5	—	—	0.823	ng/L	Y	—	NQ	N3B-2022-1951	CAPU-22-250824	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	36.6	—	—	0.66	ng/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/11/2002	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00549	0.0055	0.03	—	pCi/L	Y	U	U	874S	CAPU-02-45070	GEL
PAO-5n	7.43	06/04/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00813	0.00761	0.0275	—	pCi/L	Y	U	U	2015-1362	CAPA-15-97485	GELC
PAO-5n	7.43	06/08/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0101	0.00618	0.0458	—	pCi/L	Y	U	U	2016-1356	CAPU-16-116864	GELC
PAO-5n	7.43	06/20/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0184	0.00973	0.0406	—	pCi/L	Y	U	U	N3B-2019-2273	CAPU-19-181503	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0134	0.00691	0.039	—	pCi/L	Y	U	U	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/11/2002	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	Y	0.09	0.01	0.036	—	pCi/L	Y	—	NQ	874S	CAPU-02-45070	GEL
PAO-5n	7.43	06/04/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	Y	0.173	0.0198	0.0345	—	pCi/L	Y	—	NQ	2015-1362	CAPA-15-97485	GELC
PAO-5n	7.43	06/08/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	Y	0.131	0.0199	0.0437	—	pCi/L	Y	—	NQ	2016-1356	CAPU-16-116864	GELC
PAO-5n	7.43	06/20/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	Y	0.36	0.0296	0.0443	—	pCi/L	Y	—	NQ	N3B-2019-2273	CAPU-19-181503	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	Y	0.327	0.029	0.0402	—	pCi/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/08/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	12.9	—	—	0.05	mg/L	Y	—	NQ	2016-1356	CAPU-16-116872	GELC
PAO-5n	7.43	06/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	13.3	—	—	0.05	mg/L	Y	—	NQ	2017-1775	CAPU-17-139090	GELC
PAO-5n	7.43	06/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	12.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-30	CAPU-18-76	GELC
PAO-5n	7.43	06/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	12.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2273	CAPU-19-181502	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	14	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/11/2002	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	29.8	16	34	—	pCi/L	Y	U	U	874S	CAPU-02-45070	GEL
PAO-5n	7.43	06/04/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	13.2	21.4	37	—	pCi/L	Y	U	U	2015-1362	CAPA-15-97485	GELC
PAO-5n	7.43	06/08/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-22.5	15.2	50.1	—	pCi/L	Y	U	U	2016-1356	CAPU-16-116864	GELC
PAO-5n	7.43	06/20/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	18.6	14.8	36.2	—	pCi/L	Y	U	U	N3B-2019-2273	CAPU-19-181503	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	59	24.6	49.4	—	pCi/L	Y	UI	U	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	02/11/1999	WG	UF	INIT	REG	RAD	Generic:Gamma Spec.	Radium-226	Ra-226	N	58	49.5	44	—	pCi/L	Y	U	R	5204R	CAPU-99-0001	PARA
PAO-5n	7.43	06/19/2000	WG	UF	INIT	REG	RAD	Generic:Gamma Spec.	Radium-226	Ra-226	N	-30	41	48	—	pCi/L	Y	U	U	6867R	CAPU-00-0014	PARA
PAO-5n	7.43	06/11/2002	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	1.69	2.9	6.7	—	pCi/L	Y	U	U	874S	CAPU-02-45070	GEL
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.328	0.172	0.461	—	pCi/L	Y	U	UJ	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.571	0.229	—	—	pCi/L	Y	U	UJ	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/11/2002	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-228	Ra-228	N	9.04	3.4	14	—	pCi/L	Y	U	U	874S	CAPU-02-45070	GEL
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.243	0.151	0.488	—	pCi/L	Y	U	UJ	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/08/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	49.9	—	—	0.053	mg/L	Y	—	NQ	2016-1356	CAPU-16-116872	GELC
PAO-5n	7.43	06/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	49.4	—	—	0.053	mg/L	Y	—	NQ	2017-1775	CAPU-17-139090	GELC
PAO-5n	7.43	06/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	51.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-30	CAPU-18-76	GELC
PAO-5n	7.43	06/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	51.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2273	CAPU-19-181502	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	54.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/08/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	58.9	—	—	0.1	mg/L	Y	—	NQ	2016-1356	CAPU-16-116872	GELC
PAO-5n	7.43	06/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	62.5	—	—	0.1	mg/L	Y	—	J-	2017-1775	CAPU-17-139090	GELC
PAO-5n	7.43	06/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	62.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-30	CAPU-18-76	GELC
PAO-5n	7.43	06/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	60.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2273	CAPU-19-181502	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	55.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/11/2002	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.11	0.86	3.3	—	pCi/L	Y	U	U	874S	CAPU-02-45070	GEL
PAO-5n	7.43	06/04/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.34	1.04	3.07	—	pCi/L	Y	U	U	2015-1362	CAPA-15-97485	GELC
PAO-5n	7.43	06/08/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.74	1.06	3.42	—	pCi/L	Y	U	U	2016-1356	CAPU-16-116864	GELC
PAO-5n	7.43	06/20/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.162	1.21	4.42	—	pCi/L	Y	U	U	N3B-2019-2273	CAPU-19-181503	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.707	1.27	5.37	—	pCi/L	Y	U	U	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/08/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	520	—	—	1	µS/cm	Y	—	NQ	2016-1356	CAPU-16-116872	GELC
PAO-5n	7.43	06/19/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	565	—	—	1	µS/cm	Y	—	NQ	2017-1775	CAPU-17-139090	GELC
PAO-5n	7.43	06/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	497	—	—	1	µS/cm	Y	—	NQ	N3B-2018-30	CAPU-18-76	GELC
PAO-5n	7.43	06/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	496	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2273	CAPU-19-181502	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	430	—	—	1	µS/cm	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/08/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	101	—	—	1	µg/L	Y	—	NQ	2016-1356	CAPU-16-116872	GELC
PAO-5n	7.43	06/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	119	—	—	1	µg/L	Y	—	NQ	2017-1775	CAPU-17-139090	GELC
PAO-5n	7.43	06/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	103	—	—	1	µg/L	Y	—	NQ	N3B-2018-30	CAPU-18-76	GELC
PAO-5n	7.43	06/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	86.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-2273	CAPU-19-181502	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	80.2	—	—	1	µg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/11/2002	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	2.27	0.35	0.69	—	pCi/L	Y	—	NQ	874S	CAPU-02-45070	GEL
PAO-5n	7.43	06/04/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.134	0.145	0.498	—	pCi/L	Y	U	U	2015-1362	CAPA-15-97485	GELC
PAO-5n	7.43	06/08/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.304	0.109	0.491	—	pCi/L	Y	U	U	2016-1356	CAPU-16-116864	GELC
PAO-5n	7.43	06/20/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0107	0.134	0.491	—	pCi/L	Y	U	U	N3B-2019-2273	CAPU-19-181503	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.345	0.127	0.401	—	pCi/L	Y	U	UJ	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/08/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	84.3	—	—	1.33	mg/L	Y	—	NQ	2016-1356	CAPU-16-116872	GELC
PAO-5n	7.43	06/19/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	106	—	—	1.33	mg/L	Y	—	NQ	2017-1775	CAPU-17-139090	GELC
PAO-5n	7.43	06/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	82.5	—	—	1.33	mg/L	Y	—	NQ	N3B-2018-30	CAPU-18-76	GELC
PAO-5n	7.43	06/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	54.4	—	—	1.33	mg/L	Y	—	NQ	N3B-2019-2273	CAPU-19-181502	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	19.3	—	—	1.33	mg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/08/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	327	—	—	3.4	mg/L	Y	—	NQ	2016-1356	CAPU-16-116872	GELC
PAO-5n	7.43	06/19/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	367	—	—	3.4	mg/L	Y	—	NQ	2017-1775	CAPU-17-139090	GELC
PAO-5n	7.43	06/12/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	344	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-30	CAPU-18-76	GELC
PAO-5n	7.43	06/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	260	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2273	CAPU-19-181502	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	269	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/04/2015	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.666	—	—	0.033	mg/L	Y	—	J	2015-1362	CAPA-15-97485	GELC
PAO-5n	7.43	06/08/2016	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.261	—	—	0.033	mg/L	Y	—	J	2016-1356	CAPU-16-116864	GELC
PAO-5n	7.43	06/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.342	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2273	CAPU-19-181503	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.328	—	—	0.033	mg/L	Y	—	J-	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/11/2002	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	6.27	—	—	0.02	mg/L	Y	—	NQ	873S	CAPU-02-45070	GEL
PAO-5n	7.43	06/04/2015	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	4.47	—	—	0.33	mg/L	Y	—	NQ	2015-1362	CAPA-15-97485	GELC
PAO-5n	7.43	06/08/2016	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.66	—	—	0.33	mg/L	Y	—	NQ	2016-1356	CAPU-16-116864	GELC
PAO-5n	7.43	06/20/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	3.81	—	—	0.33	mg/L	Y	—	NQ	N3B-2019-2273	CAPU-19-181503	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	3.11	—	—	0.33	mg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/11/2002	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	4.35	—	—	0.05	mg/L	Y	—	NQ	873S	CAPU-02-45069	GEL
PAO-5n	7.43	06/04/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.987	—	—	0.017	mg/L	Y	—	NQ	2015-1362	CAPA-15-97493	GELC
PAO-5n	7.43	06/08/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.03	—	—	0.02	mg/L	Y	—	NQ	2016-1356	CAPU-16-116872	GELC
PAO-5n	7.43	06/20/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.47	—	—	0.02	mg/L	Y	—	J+	N3B-2019-2273	CAPU-19-181502	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	2.53	—	—	0.02	mg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/08/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.2	—	—	0.067	µg/L	Y	U	U	2016-1356	CAPU-16-116872	GELC
PAO-5n	7.43	06/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.2	—	—	0.067	µg/L	Y	U	U	2017-1775	CAPU-17-139090	GELC
PAO-5n	7.43	06/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2018-30	CAPU-18-76	GELC
PAO-5n	7.43	06/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-2273	CAPU-19-181502	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.138	—	—	0.067	µg/L	Y	J	J	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/11/2002	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.15	0.02	0.009	—	pCi/L	Y	—	NQ	874S	CAPU-02-45070	GEL
PAO-5n	7.43	06/04/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0568	0.0199	0.107	—	pCi/L	Y	U	U	2015-1362	CAPA-15-97485	GELC
PAO-5n	7.43	06/08/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0475	0.0122	0.0526	—	pCi/L	Y	U	U	2016-1356	CAPU-16-116864	GELC
PAO-5n	7.43	06/20/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0956	0.0229	0.099	—	pCi/L	Y	U	U	N3B-2019-2273	CAPU-19-181503	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.101	0.0175	0.0495	—	pCi/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/11/2002	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.01	0.0095	0.031	—	pCi/L	Y	U	U	874S	CAPU-02-45070	GEL
PAO-5n	7.43	06/04/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.01	0.0142	0.0679	—	pCi/L	Y	U	U	2015-1362	CAPA-15-97485	GELC
PAO-5n	7.43	06/08/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00267	0.00596	0.0627	—	pCi/L	Y	U	U	2016-1356	CAPU-16-116864	GELC
PAO-5n	7.43	06/20/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00577	0.00759	0.0836	—	pCi/L	Y	U	U	N3B-2019-2273	CAPU-19-181503	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0176	0.00836	0.0472	—	pCi/L	Y	U	U	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/11/2002	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.08	0.01	0.036	—	pCi/L	Y	—	NQ	874S	CAPU-02-45070	GEL
PAO-5n	7.43	06/04/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0608	0.0177	0.0762	—	pCi/L	Y	U	U	2015-1362	CAPA-15-97485	GELC
PAO-5n	7.43	06/08/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.00647	0.0094	0.0544	—	pCi/L	Y	U	U	2016-1356	CAPU-16-116864	GELC
PAO-5n	7.43	06/20/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0392	0.016	0.079	—	pCi/L	Y	U	U	N3B-2019-2273	CAPU-19-181503	GELC
PAO-5n	7.43	06/06/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0588	0.0123	0.0475	—	pCi/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287719	GELC
PAO-5n	7.43	06/08/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.3	—	—	1	µg/L	Y	—	NQ	2016-1356	CAPU-16-116872	GELC
PAO-5n	7.43	06/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.86	—	—	1	µg/L	Y	—	NQ	2017-1775	CAPU-17-139090	GELC
PAO-5n	7.43	06/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.47	—	—	1	µg/L	Y	—	NQ	N3B-2018-30	CAPU-18-76	GELC
PAO-5n	7.43	06/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	8.01	—	—	1	µg/L	Y	—	NQ	N3B-2019-2273	CAPU-19-181502	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	13.9	—	—	1	µg/L	Y	—	NQ	N3B-2023-2926	CAPU-23-287720	GELC
PAO-5n	7.43	06/08/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2016-1356	CAPU-16-116872	GELC
PAO-5n	7.43	06/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-1775	CAPU-17-139090	GELC
PAO-5n	7.43	06/12/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2018-30	CAPU-18-76	GELC
PAO-5n	7.43	06/20/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	8.62	—	—	3.3	µg/L	Y	J	U	N3B-2019-2273	CAPU-19-181502	GELC
PAO-5n	7.43	06/06/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	5.06	—	—	3.3	µg/L	Y	J	J	N3B-2023-2926	CAPU-23-287720	GELC
POI-4	159.0	06/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.73	—	—	0.01	SU	Y	H	NQ	N3B-2019-2183	CAPU-19-181504	GELC
POI-4	159.0	09/08/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.38	—	—	0.01	SU	Y	H	NQ	N3B-2020-1720	CAPU-20-206448	GELC
POI-4	159.0	06/10/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.48	—	—	0.01	SU	Y	H	J	N3B-2021-1813	CAPU-21-229570	GELC
POI-4	159.0	06/20/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.85	—	—	0.01	SU	Y	H	J	N3B-2022-1783	CAPU-22-250829	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.37	—	—	0.01	SU	Y	H	J	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	170	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2183	CAPU-19-181504	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
POI-4	159.0	09/08/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	180	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206448	GELC
POI-4	159.0	06/10/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	169	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-1813	CAPU-21-229570	GELC
POI-4	159.0	06/20/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	161	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250829	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	149	—	—	0.725	mg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	09/19/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00905	0.00674	0.0603	—	pCi/L	Y	U	U	N3B-2018-3918	CAPU-18-160780	GELC
POI-4	159.0	06/12/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00391	0.00732	0.0284	—	pCi/L	Y	U	U	N3B-2019-2183	CAPU-19-181505	GELC
POI-4	159.0	09/08/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.037	0.0124	0.0479	—	pCi/L	Y	U	U	N3B-2020-1720	CAPU-20-206449	GELC
POI-4	159.0	06/10/2021	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00000000296	0.0141	0.079	—	pCi/L	Y	U	U	N3B-2021-1813	CAPU-21-229566	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.029	0.0151	0.0707	—	pCi/L	Y	U	U	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	7.97	—	—	2	µg/L	Y	—	NQ	N3B-2019-2183	CAPU-19-181504	GELC
POI-4	159.0	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.81	—	—	2	µg/L	Y	J	J	N3B-2020-1720	CAPU-20-206448	GELC
POI-4	159.0	06/10/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	4.12	—	—	2	µg/L	Y	J	J	N3B-2021-1813	CAPU-21-229570	GELC
POI-4	159.0	06/20/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.97	—	—	2	µg/L	Y	J	J	N3B-2022-1783	CAPU-22-250829	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	6.16	—	—	2	µg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	117	—	—	1	µg/L	Y	—	NQ	N3B-2019-2183	CAPU-19-181504	GELC
POI-4	159.0	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	43.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206448	GELC
POI-4	159.0	06/10/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	117	—	—	1	µg/L	Y	—	NQ	N3B-2021-1813	CAPU-21-229570	GELC
POI-4	159.0	06/20/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	102	—	—	1	µg/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250829	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	97	—	—	1	µg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	252	—	—	15	µg/L	Y	—	NQ	N3B-2019-2183	CAPU-19-181504	GELC
POI-4	159.0	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	21.8	—	—	15	µg/L	Y	J	J	N3B-2020-1720	CAPU-20-206448	GELC
POI-4	159.0	06/10/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	233	—	—	15	µg/L	Y	—	J+	N3B-2021-1813	CAPU-21-229570	GELC
POI-4	159.0	06/20/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	227	—	—	15	µg/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250829	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	210	—	—	15	µg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.131	—	—	0.067	mg/L	Y	J	J	N3B-2019-2183	CAPU-19-181504	GELC
POI-4	159.0	09/08/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2020-1720	CAPU-20-206448	GELC
POI-4	159.0	06/10/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2021-1813	CAPU-21-229570	GELC
POI-4	159.0	06/20/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2022-1783	CAPU-22-250829	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.186	—	—	0.067	mg/L	Y	J	J+	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	46.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2183	CAPU-19-181504	GELC
POI-4	159.0	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	26.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206448	GELC
POI-4	159.0	06/10/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	45	—	—	0.05	mg/L	Y	N	J-	N3B-2021-1813	CAPU-21-229570	GELC
POI-4	159.0	06/20/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	47.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250829	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	36	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	09/19/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.17	1.4	4.81	—	pCi/L	Y	U	U	N3B-2018-3918	CAPU-18-160780	GELC
POI-4	159.0	06/12/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.364	1.11	4.08	—	pCi/L	Y	U	U	N3B-2019-2183	CAPU-19-181505	GELC
POI-4	159.0	09/08/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.09	1.35	5.39	—	pCi/L	Y	U	U	N3B-2020-1720	CAPU-20-206449	GELC
POI-4	159.0	06/10/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.32	1.11	3.55	—	pCi/L	Y	U	U	N3B-2021-1813	CAPU-21-229566	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.394	1.02	3.87	—	pCi/L	Y	U	U	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	50	—	—	0.67	mg/L	Y	—	NQ	N3B-2019-2183	CAPU-19-181504	GELC
POI-4	159.0	09/08/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	49.5	—	—	0.67	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206448	GELC
POI-4	159.0	06/10/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	48.6	—	—	0.67	mg/L	Y	—	NQ	N3B-2021-1813	CAPU-21-229570	GELC
POI-4	159.0	06/20/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	48.8	—	—	0.67	mg/L	Y	—	J+	N3B-2022-1783	CAPU-22-250829	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	47.4	—	—	0.67	mg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	09/19/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.123	1.86	7.03	—	pCi/L	Y	U	U	N3B-2018-3918	CAPU-18-160780	GELC
POI-4	159.0	06/12/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.05	0.939	4.03	—	pCi/L	Y	U	U	N3B-2019-2183	CAPU-19-181505	GELC
POI-4	159.0	09/08/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.348	1.42	5.58	—	pCi/L	Y	U	U	N3B-2020-1720	CAPU-20-206449	GELC
POI-4	159.0	06/10/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.526	1.06	4.04	—	pCi/L	Y	U	U	N3B-2021-1813	CAPU-21-229566	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.692	0.862	3.14	—	pCi/L	Y	U	U	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	3.39	—	—	3	µg/L	Y	J	J	N3B-2019-2183	CAPU-19-181504	GELC
POI-4	159.0	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-1720	CAPU-20-206448	GELC
POI-4	159.0	06/10/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2021-1813	CAPU-21-229570	GELC
POI-4	159.0	06/20/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2022-1783	CAPU-22-250829	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	Y	6.42	—	—	3	µg/L	Y	J	J	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.463	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2183	CAPU-19-181504	GELC
POI-4	159.0	09/08/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.307	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206448	GELC
POI-4	159.0	06/10/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.289	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1813	CAPU-21-229570	GELC
POI-4	159.0	06/20/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.319	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250829	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.367	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	09/19/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.7	1.25	2.86	—	pCi/L	Y	—	NQ	N3B-2018-3918	CAPU-18-160780	GELC
POI-4	159.0	06/12/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	5.22	1.7	3.77	—	pCi/L	Y	—	NQ	N3B-2019-2183	CAPU-19-181505	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
POI-4	159.0	09/08/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	5.22	1.22	2.19	—	pCi/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206449	GELC
POI-4	159.0	06/10/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.34	1.08	2.91	—	pCi/L	Y	U	UJ	N3B-2021-1813	CAPU-21-229566	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	Y	2.67	0.942	2.24	—	pCi/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	09/19/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	11.6	1.27	2.63	—	pCi/L	Y	—	NQ	N3B-2018-3918	CAPU-18-160780	GELC
POI-4	159.0	06/12/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.98	0.609	1.85	—	pCi/L	Y	—	NQ	N3B-2019-2183	CAPU-19-181505	GELC
POI-4	159.0	09/08/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	11	1.18	2.6	—	pCi/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206449	GELC
POI-4	159.0	06/10/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.33	0.963	2.24	—	pCi/L	Y	—	NQ	N3B-2021-1813	CAPU-21-229566	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	10.4	1.35	2.94	—	pCi/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	167	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2183	CAPU-19-181504	GELC
POI-4	159.0	09/08/2020	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	103	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206448	GELC
POI-4	159.0	06/10/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	162	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-1813	CAPU-21-229570	GELC
POI-4	159.0	06/20/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	166	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250829	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	131	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	12.2	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2183	CAPU-19-181504	GELC
POI-4	159.0	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	8.83	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206448	GELC
POI-4	159.0	06/10/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	12.1	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-1813	CAPU-21-229570	GELC
POI-4	159.0	06/20/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	11.7	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250829	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	9.99	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.68	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2183	CAPU-19-181504	GELC
POI-4	159.0	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.92	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206448	GELC
POI-4	159.0	06/10/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.87	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-1813	CAPU-21-229570	GELC
POI-4	159.0	06/20/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.81	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250829	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.73	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	09/19/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.45	2.41	8.81	—	pCi/L	Y	U	U	N3B-2018-3918	CAPU-18-160780	GELC
POI-4	159.0	06/12/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.83	2.51	8.99	—	pCi/L	Y	U	U	N3B-2019-2183	CAPU-19-181505	GELC
POI-4	159.0	09/08/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.958	3.3	10.9	—	pCi/L	Y	U	U	N3B-2020-1720	CAPU-20-206449	GELC
POI-4	159.0	06/10/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.387	2.24	7.28	—	pCi/L	Y	U	U	N3B-2021-1813	CAPU-21-229566	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.86	2.24	8.04	—	pCi/L	Y	U	UJ	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	7.63	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2183	CAPU-19-181504	GELC
POI-4	159.0	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	6.94	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206448	GELC
POI-4	159.0	06/10/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	6.78	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-1813	CAPU-21-229570	GELC
POI-4	159.0	06/20/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	7.3	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250829	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	13.1	—	—	0.6	µg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	09/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.43	—	—	0.085	mg/L	Y	—	NQ	N3B-2018-3918	CAPU-18-160779	GELC
POI-4	159.0	06/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	4.09	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-2183	CAPU-19-181504	GELC
POI-4	159.0	09/08/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.55	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206448	GELC
POI-4	159.0	06/10/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.65	—	—	0.17	mg/L	Y	—	NQ	N3B-2021-1813	CAPU-21-229570	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.86	—	—	0.17	mg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/12/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.337	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2183	CAPU-19-181504	GELC
POI-4	159.0	09/08/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.307	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206448	GELC
POI-4	159.0	06/10/2021	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.34	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-1813	CAPU-21-229570	GELC
POI-4	159.0	06/20/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.348	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250829	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.25	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	09/08/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	19.6	—	—	0.621	ng/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206449	GELC
POI-4	159.0	06/10/2021	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	22.1	—	—	0.596	ng/L	Y	—	NQ	N3B-2021-1813	CAPU-21-229566	GELC
POI-4	159.0	06/20/2022	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	16.6	—	—	0.623	ng/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250828	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	9.71	—	—	0.579	ng/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	09/08/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	40.2	—	—	0.753	ng/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206449	GELC
POI-4	159.0	06/10/2021	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	16	—	—	0.722	ng/L	Y	—	NQ	N3B-2021-1813	CAPU-21-229566	GELC
POI-4	159.0	06/20/2022	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	79.4	—	—	0.755	ng/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250828	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	90.6	—	—	0.702	ng/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	09/08/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	47.8	—	—	0.753	ng/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206449	GELC
POI-4	159.0	06/10/2021	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	51.6	—	—	0.722	ng/L	Y	—	NQ	N3B-2021-1813	CAPU-21-229566	GELC
POI-4	159.0	06/20/2022	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	40.7	—	—	0.755	ng/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250828	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	18.9	—	—	0.702	ng/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	09/19/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00505	0.0118	0.0324	—	pCi/L	Y	U	U	N3B-2018-3918	CAPU-18-160780	GELC
POI-4	159.0	06/12/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00635	0.0101	0.0374	—	pCi/L	Y	U	U	N3B-2019-2183	CAPU-19-181505	GELC
POI-4	159.0	09/08/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00806	0.00637	0.0438	—	pCi/L	Y	U	U	N3B-2020-1720	CAPU-20-206449	GELC
POI-4	159.0	06/10/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00279	0.00624	0.0691	—	pCi/L	Y	U	U	N3B-2021-1813	CAPU-21-229566	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00753	0.00665	0.0512	—	pCi/L	Y	U	U	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	09/19/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00505	0.00944	0.0512	—	pCi/L	Y	U	U	N3B-2018-3918	CAPU-18-160780	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
POI-4	159.0	06/12/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0211	0.0108	0.0409	—	pCi/L	Y	U	U	N3B-2019-2183	CAPU-19-181505	GELC
POI-4	159.0	09/08/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0222	0.0083	0.0593	—	pCi/L	Y	U	U	N3B-2020-1720	CAPU-20-206449	GELC
POI-4	159.0	06/10/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0279	0.0112	0.07	—	pCi/L	Y	U	U	N3B-2021-1813	CAPU-21-229566	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0226	0.00977	0.0528	—	pCi/L	Y	U	U	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	9.13	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2183	CAPU-19-181504	GELC
POI-4	159.0	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206448	GELC
POI-4	159.0	06/10/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	8.99	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1813	CAPU-21-229570	GELC
POI-4	159.0	06/20/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	8.28	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250829	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	7.49	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	09/19/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	3.79	22.5	86.2	—	pCi/L	Y	U	U	N3B-2018-3918	CAPU-18-160780	GELC
POI-4	159.0	06/12/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	Y	71.8	28.3	46.1	—	pCi/L	Y	—	NQ	N3B-2019-2183	CAPU-19-181505	GELC
POI-4	159.0	09/08/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	17.2	33.9	59.7	—	pCi/L	Y	U	U	N3B-2020-1720	CAPU-20-206449	GELC
POI-4	159.0	06/10/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-27.4	15.1	55.2	—	pCi/L	Y	U	U	N3B-2021-1813	CAPU-21-229566	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	19.6	21.7	54.9	—	pCi/L	Y	U	U	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/24/2004	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	6.91	5.89	14.3	—	pCi/L	Y	U	U	115711	GU04060G4OP01	GELC
POI-4	159.0	06/24/2004	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.23	0.127	0.394	—	pCi/L	Y	U	U	115711	GU04060G4OP01	GELC
POI-4	159.0	05/07/2005	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.231	0.128	0.408	—	pCi/L	Y	U	U	136186	GU05050G4OP01	GELC
POI-4	159.0	09/08/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	1.36	0.272	0.501	—	pCi/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206449	GELC
POI-4	159.0	06/10/2021	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0355	0.146	0.573	—	pCi/L	Y	U	U	N3B-2021-1813	CAPU-21-229566	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.264	0.176	0.574	—	pCi/L	Y	U	UJ	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	09/08/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	1.36	0.313	—	—	pCi/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206449	GELC
POI-4	159.0	06/10/2021	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.439	0.25	—	—	pCi/L	Y	—	UJ	N3B-2021-1813	CAPU-21-229566	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.856	0.256	—	—	pCi/L	Y	J	J	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	08/20/2003	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-228	Ra-228	N	2.28	6.66	18.3	—	pCi/L	Y	U	U	86692	GU03080G4OP01	GELC
POI-4	159.0	06/24/2004	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-228	Ra-228	N	0.18	9.77	26.1	—	pCi/L	Y	U	U	115711	GU04060G4OP01	GELC
POI-4	159.0	09/08/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0623	0.156	0.585	—	pCi/L	Y	U	U	N3B-2020-1720	CAPU-20-206449	GELC
POI-4	159.0	06/10/2021	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.404	0.203	0.658	—	pCi/L	Y	U	UJ	N3B-2021-1813	CAPU-21-229566	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.592	0.185	0.461	—	pCi/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	58	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2183	CAPU-19-181504	GELC
POI-4	159.0	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206448	GELC
POI-4	159.0	06/10/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	52.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-1813	CAPU-21-229570	GELC
POI-4	159.0	06/20/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	52.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250829	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	51.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	46.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2183	CAPU-19-181504	GELC
POI-4	159.0	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206448	GELC
POI-4	159.0	06/10/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	43.5	—	—	0.1	mg/L	Y	N	J-	N3B-2021-1813	CAPU-21-229570	GELC
POI-4	159.0	06/20/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	43.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250829	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	42.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	09/19/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.979	1.17	4.94	—	pCi/L	Y	U	U	N3B-2018-3918	CAPU-18-160780	GELC
POI-4	159.0	06/12/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0952	1.23	4.61	—	pCi/L	Y	U	U	N3B-2019-2183	CAPU-19-181505	GELC
POI-4	159.0	09/08/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.6	1.63	4.35	—	pCi/L	Y	U	U	N3B-2020-1720	CAPU-20-206449	GELC
POI-4	159.0	06/10/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.883	1.17	4.31	—	pCi/L	Y	U	U	N3B-2021-1813	CAPU-21-229566	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.359	0.792	3.11	—	pCi/L	Y	U	U	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	584	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2183	CAPU-19-181504	GELC
POI-4	159.0	09/08/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	612	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1720	CAPU-20-206448	GELC
POI-4	159.0	06/10/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	590	—	—	1	µS/cm	Y	—	NQ	N3B-2021-1813	CAPU-21-229570	GELC
POI-4	159.0	06/20/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	584	—	—	1	µS/cm	Y	—	NQ	N3B-2022-1783	CAPU-22-250829	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	542	—	—	1	µS/cm	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	243	—	—	1	µg/L	Y	—	NQ	N3B-2019-2183	CAPU-19-181504	GELC
POI-4	159.0	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	115	—	—	1	µg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206448	GELC
POI-4	159.0	06/10/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	250	—	—	1	µg/L	Y	—	NQ	N3B-2021-1813	CAPU-21-229570	GELC
POI-4	159.0	06/20/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	245	—	—	1	µg/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250829	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	195	—	—	1	µg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	09/19/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.153	0.143	0.484	—	pCi/L	Y	U	U	N3B-2018-3918	CAPU-18-160780	GELC
POI-4	159.0	06/12/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.281	0.123	0.484	—	pCi/L	Y	U	U	N3B-2019-2183	CAPU-19-181505	GELC
POI-4	159.0	09/08/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.156	0.0675	0.245	—	pCi/L	Y	U	U	N3B-2020-1720	CAPU-20-206449	GELC
POI-4	159.0	06/10/2021	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.224	0.129	0.426	—	pCi/L	Y	U	UJ	N3B-2021-1813	CAPU-21-229566	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.291	0.121	0.383	—	pCi/L	Y	U	UJ	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	32	—	—	1.33	mg/L	Y	—	NQ	N3B-2019-2183	CAPU-19-181504	GELC
POI-4	159.0	09/08/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	32.3	—	—	1.33	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206448	GELC
POI-4	159.0	06/10/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	32	—	—	1.33	mg/L	Y	—	NQ	N3B-2021-1813	CAPU-21-229570	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
POI-4	159.0	06/20/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	32.4	—	—	1.33	mg/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250829	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	28.1	—	—	1.33	mg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	403	—	—	3.4	mg/L	Y	—	J+	N3B-2019-2183	CAPU-19-181504	GELC
POI-4	159.0	09/08/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	380	—	—	3.4	mg/L	Y	—	J+	N3B-2020-1720	CAPU-20-206448	GELC
POI-4	159.0	06/10/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	380	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-1813	CAPU-21-229570	GELC
POI-4	159.0	06/20/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	364	—	—	3.4	mg/L	Y	H	J	N3B-2022-1783	CAPU-22-250829	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	324	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	09/19/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.564	—	—	0.033	mg/L	Y	—	J+	N3B-2018-3918	CAPU-18-160780	GELC
POI-4	159.0	06/12/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.776	—	—	0.033	mg/L	Y	—	J+	N3B-2019-2183	CAPU-19-181505	GELC
POI-4	159.0	09/08/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.107	—	—	0.033	mg/L	Y	—	U	N3B-2020-1720	CAPU-20-206449	GELC
POI-4	159.0	06/10/2021	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.238	—	—	0.033	mg/L	Y	—	U	N3B-2021-1813	CAPU-21-229566	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0602	—	—	0.033	mg/L	Y	J	J-	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	09/19/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.984	—	—	0.33	mg/L	Y	J	J	N3B-2018-3918	CAPU-18-160780	GELC
POI-4	159.0	06/12/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.17	—	—	0.33	mg/L	Y	—	NQ	N3B-2019-2183	CAPU-19-181505	GELC
POI-4	159.0	09/08/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	1.03	—	—	0.33	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206449	GELC
POI-4	159.0	06/10/2021	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	1.02	—	—	0.33	mg/L	Y	—	J-	N3B-2021-1813	CAPU-21-229566	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	1.12	—	—	0.33	mg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	09/19/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.865	—	—	0.02	mg/L	Y	—	J+	N3B-2018-3918	CAPU-18-160779	GELC
POI-4	159.0	06/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.09	—	—	0.02	mg/L	Y	—	J+	N3B-2019-2183	CAPU-19-181504	GELC
POI-4	159.0	09/08/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.903	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206448	GELC
POI-4	159.0	06/10/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.886	—	—	0.02	mg/L	Y	—	J+	N3B-2021-1813	CAPU-21-229570	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	1.38	—	—	0.02	mg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.41	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2183	CAPU-19-181504	GELC
POI-4	159.0	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	3.15	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206448	GELC
POI-4	159.0	06/10/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	3.09	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-1813	CAPU-21-229570	GELC
POI-4	159.0	06/20/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	3.69	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250829	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.55	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287722	GELC
POI-4	159.0	09/19/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.42	0.0799	0.126	—	pCi/L	Y	—	NQ	N3B-2018-3918	CAPU-18-160780	GELC
POI-4	159.0	06/12/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.45	0.0554	0.0507	—	pCi/L	Y	—	J+	N3B-2019-2183	CAPU-19-181505	GELC
POI-4	159.0	09/08/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.45	0.0827	0.0957	—	pCi/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206449	GELC
POI-4	159.0	06/10/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.38	0.065	0.0616	—	pCi/L	Y	—	NQ	N3B-2021-1813	CAPU-21-229566	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.829	0.0772	0.101	—	pCi/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	09/19/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0971	0.0246	0.12	—	pCi/L	Y	U	U	N3B-2018-3918	CAPU-18-160780	GELC
POI-4	159.0	06/12/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.067	0.0141	0.0424	—	pCi/L	Y	—	NQ	N3B-2019-2183	CAPU-19-181505	GELC
POI-4	159.0	09/08/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0486	0.0185	0.0631	—	pCi/L	Y	U	U	N3B-2020-1720	CAPU-20-206449	GELC
POI-4	159.0	06/10/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0517	0.0145	0.0508	—	pCi/L	Y	—	J	N3B-2021-1813	CAPU-21-229566	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0383	0.0161	0.0968	—	pCi/L	Y	U	U	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	09/19/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	1	0.0674	0.0872	—	pCi/L	Y	—	NQ	N3B-2018-3918	CAPU-18-160780	GELC
POI-4	159.0	06/12/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.949	0.0447	0.0403	—	pCi/L	Y	—	NQ	N3B-2019-2183	CAPU-19-181505	GELC
POI-4	159.0	09/08/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	1.06	0.0702	0.0856	—	pCi/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206449	GELC
POI-4	159.0	06/10/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.888	0.0517	0.0642	—	pCi/L	Y	—	NQ	N3B-2021-1813	CAPU-21-229566	GELC
POI-4	159.0	06/07/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.573	0.0602	0.0972	—	pCi/L	Y	—	NQ	N3B-2023-2956	CAPU-23-287721	GELC
POI-4	159.0	06/12/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.04	—	—	1	µg/L	Y	J	J	N3B-2019-2183	CAPU-19-181504	GELC
POI-4	159.0	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.36	—	—	1	µg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206448	GELC
POI-4	159.0	06/10/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.75	—	—	1	µg/L	Y	J	J	N3B-2021-1813	CAPU-21-229570	GELC
POI-4	159.0	06/20/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	3.45	—	—	1	µg/L	Y	J	J	N3B-2022-1783	CAPU-22-250829	GELC
POI-4	159.0	06/07/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	3.46	—	—	1	µg/L	Y	J	J	N3B-2023-2956	CAPU-23-287722	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	—	—	0.01	SU	Y	H	NQ	N3B-2019-477	CASA-19-164034	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	—	—	0.01	SU	Y	H	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.33	—	—	0.01	SU	Y	H	NQ	N3B-2021-312	CASA-21-210605	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.33	—	—	0.01	SU	Y	H	NQ	N3B-2021-312	CASA-21-210607	GELC
R-10 S1	874.0	11/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	0.01	SU	Y	H	J	N3B-2022-324	CASA-22-236463	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.24	—	—	0.01	SU	Y	H	J	N3B-2023-331	CASA-23-261127	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	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164034	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	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210605	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210607	GELC
R-10 S1	874.0	11/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261127	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	0.0815	—	pCi/L	Y	U	U	N3B-2019-477	CASA-19-164035	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	0.0353	—	pCi/L	Y	U	U	N3B-2020-288	CASA-20-189238	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10 S1	874.0	11/05/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0144	0.00954	0.0631	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210606	GELC
R-10 S1	874.0	11/05/2020	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0151	0.00797	0.0661	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210608	GELC
R-10 S1	874.0	11/04/2021	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0129	0.0811	—	pCi/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0209	0.0142	0.0438	—	pCi/L	Y	U	UJ	N3B-2023-331	CASA-23-261126	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	4.93	—	—	2	µg/L	Y	J	J	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.84	—	—	2	µg/L	Y	J	J	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	4.27	—	—	2	µg/L	Y	J	J	N3B-2021-312	CASA-21-210605	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	Y	4.2	—	—	2	µg/L	Y	J	J	N3B-2021-312	CASA-21-210607	GELC
R-10 S1	874.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.94	—	—	2	µg/L	Y	J	J	N3B-2022-324	CASA-22-236463	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.08	—	—	2	µg/L	Y	J	J	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	47.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	47.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	46.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-312	CASA-21-210605	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	47.2	—	—	1	µg/L	Y	—	NQ	N3B-2021-312	CASA-21-210607	GELC
R-10 S1	874.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	47.6	—	—	1	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	43.7	—	—	1	µg/L	Y	—	NQ	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	25.6	—	—	15	µg/L	Y	J	J	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	26.9	—	—	15	µg/L	Y	J	J	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	29.2	—	—	15	µg/L	Y	J	J	N3B-2021-312	CASA-21-210605	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	27.2	—	—	15	µg/L	Y	J	J	N3B-2021-312	CASA-21-210607	GELC
R-10 S1	874.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	27.4	—	—	15	µg/L	Y	J	J	N3B-2022-324	CASA-22-236463	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	22.1	—	—	15	µg/L	Y	J	J	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.1	—	—	0.05	mg/L	Y	N	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210605	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210607	GELC
R-10 S1	874.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	18.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	16.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261127	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	1.96	—	pCi/L	Y	U	U	N3B-2019-477	CASA-19-164035	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	4.8	—	pCi/L	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/05/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.466	0.965	3.6	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210606	GELC
R-10 S1	874.0	11/05/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.83	1.75	6.88	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210608	GELC
R-10 S1	874.0	11/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.29	1.25	4.02	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236464	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.45	1.12	3.47	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261126	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.69	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.52	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.81	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210605	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.52	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210607	GELC
R-10 S1	874.0	11/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.53	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.67	—	—	0.067	mg/L	Y	—	J+	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.4	—	—	3	µg/L	Y	J	J	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.77	—	—	3	µg/L	Y	J	J	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.97	—	—	3	µg/L	Y	J	J	N3B-2021-312	CASA-21-210605	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.93	—	—	3	µg/L	Y	J	J	N3B-2021-312	CASA-21-210607	GELC
R-10 S1	874.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.62	—	—	3	µg/L	Y	J	J	N3B-2022-324	CASA-22-236463	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.39	—	—	3	µg/L	Y	J	J	N3B-2023-331	CASA-23-261127	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	2.49	—	pCi/L	Y	U	U	N3B-2019-477	CASA-19-164035	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	5.31	—	pCi/L	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/05/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.282	0.954	3.61	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210606	GELC
R-10 S1	874.0	11/05/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.987	0.996	4.77	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210608	GELC
R-10 S1	874.0	11/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.45	1.75	5.43	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236464	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.08	1.5	6.06	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261126	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.312	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.502	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.388	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210605	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.447	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210607	GELC
R-10 S1	874.0	11/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.473	—	—	0.033	mg/L	Y	—	J-	N3B-2022-324	CASA-22-236463	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.246	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/14/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.139	0.608	2.69	—	pCi/L	Y	U	U	N3B-2019-477	CASA-19-164035	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.47	0.878	2.85	—	pCi/L	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/05/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.91	0.928	2.85	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210606	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10 S1	874.0	11/05/2020	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.39	0.897	2.96	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210608	GELC
R-10 S1	874.0	11/04/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1	0.704	2.37	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236464	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	-0.161	0.596	2.82	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261126	GELC
R-10 S1	874.0	11/14/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.9	0.84	2.55	—	pCi/L	Y	—	NQ	N3B-2019-477	CASA-19-164035	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.5	0.518	1.57	—	pCi/L	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/05/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.63	0.774	2.44	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210606	GELC
R-10 S1	874.0	11/05/2020	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	2.47	0.856	2.55	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210608	GELC
R-10 S1	874.0	11/04/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.15	0.838	2.65	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236464	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	3.01	0.925	2.79	—	pCi/L	Y	—	NQ	N3B-2023-331	CASA-23-261126	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210605	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	67	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210607	GELC
R-10 S1	874.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	57.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.28	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210605	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.12	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210607	GELC
R-10 S1	874.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.88	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.64	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261127	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	3.99	—	pCi/L	Y	U	U	N3B-2019-477	CASA-19-164035	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	10.2	—	pCi/L	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/05/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.18	1.87	6.31	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210606	GELC
R-10 S1	874.0	11/05/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.74	2.89	10.8	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210608	GELC
R-10 S1	874.0	11/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.81	2.18	8.01	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236464	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.5	2.51	8.03	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261126	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	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164034	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	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.471	—	—	0.017	mg/L	Y	—	J-	N3B-2021-312	CASA-21-210605	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.47	—	—	0.017	mg/L	Y	—	J-	N3B-2021-312	CASA-21-210607	GELC
R-10 S1	874.0	11/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.523	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.464	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.466	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.448	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.426	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-312	CASA-21-210605	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.423	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-312	CASA-21-210607	GELC
R-10 S1	874.0	11/04/2021	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.415	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.354	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-331	CASA-23-261127	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	0.0404	—	pCi/L	Y	U	U	N3B-2019-477	CASA-19-164035	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	0.0382	—	pCi/L	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/05/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00221	0.00799	0.0513	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210606	GELC
R-10 S1	874.0	11/05/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0109	0.00841	0.0503	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210608	GELC
R-10 S1	874.0	11/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00251	0.0115	0.0706	—	pCi/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0209	0.0116	0.0597	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261126	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	0.0445	—	pCi/L	Y	U	U	N3B-2019-477	CASA-19-164035	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	0.037	—	pCi/L	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/05/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0221	0.00939	0.0573	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210606	GELC
R-10 S1	874.0	11/05/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.013	0.00752	0.0561	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210608	GELC
R-10 S1	874.0	11/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0125	0.014	0.0589	—	pCi/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00596	0.0112	0.062	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261126	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.54	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.47	—	—	0.05	mg/L	Y	—	J+	N3B-2021-312	CASA-21-210605	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	2.57	—	—	0.05	mg/L	Y	—	J+	N3B-2021-312	CASA-21-210607	GELC
R-10 S1	874.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.45	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.62	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261127	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	34.7	—	pCi/L	Y	U	U	N3B-2019-477	CASA-19-164035	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	50.1	—	pCi/L	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/05/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	20.7	21.5	32.5	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210606	GELC
R-10 S1	874.0	11/05/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	29.1	20	57.5	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210608	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10 S1	874.0	11/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-19.9	21.1	69.2	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236464	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	13.4	19.5	46.3	—	pCi/L	Y	U	UJ	N3B-2023-331	CASA-23-261126	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	0.64	—	pCi/L	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	0.72	—	pCi/L	Y	U	U	08-193	CASA-08-7347	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	0.559	—	pCi/L	Y	—	NQ	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/05/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.307	0.144	0.425	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210606	GELC
R-10 S1	874.0	11/05/2020	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.68	0.198	0.434	—	pCi/L	Y	—	NQ	N3B-2021-312	CASA-21-210608	GELC
R-10 S1	874.0	11/04/2021	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.406	0.133	0.278	—	pCi/L	Y	—	NQ	N3B-2022-324	CASA-22-236464	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.423	0.145	0.359	—	pCi/L	Y	—	U	N3B-2023-331	CASA-23-261126	GELC
R-10 S1	874.0	11/07/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	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	11/05/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.316	0.304	—	—	pCi/L	Y	—	U	N3B-2021-312	CASA-21-210606	GELC
R-10 S1	874.0	11/05/2020	WG	UF	INIT	FD	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.702	0.27	—	—	pCi/L	Y	—	NQ	N3B-2021-312	CASA-21-210608	GELC
R-10 S1	874.0	11/04/2021	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.406	0.212	—	—	pCi/L	Y	—	NQ	N3B-2022-324	CASA-22-236464	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.438	0.272	—	—	pCi/L	Y	J	U	N3B-2023-331	CASA-23-261126	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	0.67	—	pCi/L	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	0.81	—	pCi/L	Y	—	NQ	08-193	CASA-08-7350	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	0.816	—	pCi/L	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/05/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0083	0.268	0.969	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210606	GELC
R-10 S1	874.0	11/05/2020	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.022	0.184	0.666	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210608	GELC
R-10 S1	874.0	11/04/2021	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0629	0.166	0.635	—	pCi/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0156	0.23	0.851	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261126	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210605	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210607	GELC
R-10 S1	874.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	62.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	57.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.9	—	—	0.1	mg/L	Y	N	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210605	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210607	GELC
R-10 S1	874.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	11.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	11.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261127	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	2.24	—	pCi/L	Y	U	U	N3B-2019-477	CASA-19-164035	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	5.81	—	pCi/L	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/05/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.124	0.972	3.63	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210606	GELC
R-10 S1	874.0	11/05/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.173	1.43	5.76	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210608	GELC
R-10 S1	874.0	11/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.241	1.33	5.21	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236464	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.27	1.07	4.88	—	pCi/L	Y	U	UJ	N3B-2023-331	CASA-23-261126	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	179	—	—	1	µS/cm	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	155	—	—	1	µS/cm	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	187	—	—	1	µS/cm	Y	—	NQ	N3B-2021-312	CASA-21-210605	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	187	—	—	1	µS/cm	Y	—	NQ	N3B-2021-312	CASA-21-210607	GELC
R-10 S1	874.0	11/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	177	—	—	1	µS/cm	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	185	—	—	1	µS/cm	Y	—	NQ	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	101	—	—	1	µg/L	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	102	—	—	1	µg/L	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	98.7	—	—	1	µg/L	Y	—	NQ	N3B-2021-312	CASA-21-210605	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	101	—	—	1	µg/L	Y	—	NQ	N3B-2021-312	CASA-21-210607	GELC
R-10 S1	874.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	100	—	—	1	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	101	—	—	1	µg/L	Y	—	NQ	N3B-2023-331	CASA-23-261127	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	0.242	—	pCi/L	Y	U	U	N3B-2019-477	CASA-19-164035	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	0.262	—	pCi/L	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/05/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.207	0.145	0.486	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210606	GELC
R-10 S1	874.0	11/05/2020	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0618	0.137	0.48	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210608	GELC
R-10 S1	874.0	11/04/2021	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.166	0.122	0.441	—	pCi/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0116	0.0622	0.214	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261126	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.17	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.94	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.96	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210605	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.96	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210607	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10 S1	874.0	11/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.92	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.08	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/14/2018	WG	F	RE	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	151	—	—	3.4	mg/L	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	—	—	3.4	mg/L	N	—	J-	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	180	—	—	3.4	mg/L	Y	—	J+	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	151	—	—	3.4	mg/L	Y	—	J	N3B-2021-312	CASA-21-210605	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	159	—	—	3.4	mg/L	Y	—	J	N3B-2021-312	CASA-21-210607	GELC
R-10 S1	874.0	11/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	166	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.03	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.07	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.05	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-312	CASA-21-210605	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	1.04	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-312	CASA-21-210607	GELC
R-10 S1	874.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.04	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1	—	—	0.067	µg/L	Y	—	J+	N3B-2023-331	CASA-23-261127	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	0.142	—	pCi/L	Y	—	NQ	N3B-2019-477	CASA-19-164035	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	0.0776	—	pCi/L	Y	—	NQ	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/05/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.649	0.0887	0.207	—	pCi/L	Y	—	NQ	N3B-2021-312	CASA-21-210606	GELC
R-10 S1	874.0	11/05/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.594	0.0709	0.153	—	pCi/L	Y	—	NQ	N3B-2021-312	CASA-21-210608	GELC
R-10 S1	874.0	11/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.721	0.0541	0.0617	—	pCi/L	Y	—	NQ	N3B-2022-324	CASA-22-236464	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.663	0.0806	0.147	—	pCi/L	Y	—	J	N3B-2023-331	CASA-23-261126	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	0.138	—	pCi/L	Y	U	U	N3B-2019-477	CASA-19-164035	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	0.0556	—	pCi/L	Y	U	U	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/05/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.02	0.0235	0.179	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210606	GELC
R-10 S1	874.0	11/05/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.052	0.0284	0.133	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210608	GELC
R-10 S1	874.0	11/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0302	0.0114	0.047	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236464	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0231	0.0173	0.115	—	pCi/L	Y	U	UJ	N3B-2023-331	CASA-23-261126	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	0.14	—	pCi/L	Y	—	NQ	N3B-2019-477	CASA-19-164035	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	0.0908	—	pCi/L	Y	—	NQ	N3B-2020-288	CASA-20-189238	GELC
R-10 S1	874.0	11/05/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.35	0.0634	0.188	—	pCi/L	Y	—	NQ	N3B-2021-312	CASA-21-210606	GELC
R-10 S1	874.0	11/05/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.409	0.0583	0.14	—	pCi/L	Y	—	NQ	N3B-2021-312	CASA-21-210608	GELC
R-10 S1	874.0	11/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.357	0.034	0.0587	—	pCi/L	Y	—	NQ	N3B-2022-324	CASA-22-236464	GELC
R-10 S1	874.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.317	0.0504	0.14	—	pCi/L	Y	—	J	N3B-2023-331	CASA-23-261126	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	12.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	12.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	12.2	—	—	1	µg/L	Y	—	NQ	N3B-2021-312	CASA-21-210605	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	12.1	—	—	1	µg/L	Y	—	NQ	N3B-2021-312	CASA-21-210607	GELC
R-10 S1	874.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	12.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	11.6	—	—	1	µg/L	Y	—	NQ	N3B-2023-331	CASA-23-261127	GELC
R-10 S1	874.0	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	5.81	—	—	3.3	µg/L	Y	J	J	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.4	—	—	3.3	µg/L	Y	J	J	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	12.9	—	—	3.3	µg/L	Y	J	J	N3B-2021-312	CASA-21-210605	GELC
R-10 S1	874.0	11/05/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	5.22	—	—	3.3	µg/L	Y	J	J	N3B-2021-312	CASA-21-210607	GELC
R-10 S1	874.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	N	26.1	—	—	3.3	µg/L	Y	—	U	N3B-2022-324	CASA-22-236463	GELC
R-10 S1	874.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	7.91	—	—	3.3	µg/L	Y	J	J	N3B-2023-331	CASA-23-261127	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	—	—	0.01	SU	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	—	—	0.01	SU	Y	H	NQ	N3B-2019-477	CASA-19-164040	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	—	—	0.01	SU	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	—	—	0.01	SU	Y	H	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/05/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.26	—	—	0.01	SU	Y	H	NQ	N3B-2021-312	CASA-21-210610	GELC
R-10 S2	1042.0	11/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.16	—	—	0.01	SU	Y	H	J	N3B-2022-324	CASA-22-236467	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.85	—	—	0.01	SU	Y	H	J	N3B-2023-331	CASA-23-261129	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	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164038	GELC
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	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164040	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	—	—	1.45	mg/L	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	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/05/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	92.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210610	GELC
R-10 S2	1042.0	11/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	92.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	91.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261129	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	0.0846	—	pCi/L	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	0.0658	—	pCi/L	Y	U	U	N3B-2019-477	CASA-19-164041	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
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	0.0343	—	pCi/L	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	0.0427	—	pCi/L	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/05/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00875	0.0105	0.064	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210611	GELC
R-10 S2	1042.0	11/04/2021	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0114	0.0151	0.0719	—	pCi/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0158	0.0941	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261128	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	4.76	—	—	2	µg/L	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	—	—	2	µg/L	Y	J	J	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.78	—	—	2	µg/L	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	—	—	2	µg/L	Y	J	J	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	4.08	—	—	2	µg/L	Y	J	J	N3B-2021-312	CASA-21-210610	GELC
R-10 S2	1042.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.94	—	—	2	µg/L	Y	J	J	N3B-2022-324	CASA-22-236467	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.08	—	—	2	µg/L	Y	J	J	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	42.6	—	—	1	µg/L	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	—	—	1	µg/L	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	40.3	—	—	1	µg/L	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	—	—	1	µg/L	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.9	—	—	1	µg/L	Y	—	NQ	N3B-2021-312	CASA-21-210610	GELC
R-10 S2	1042.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	38.6	—	—	1	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	35.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	31.8	—	—	15	µg/L	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	—	—	15	µg/L	Y	J	J	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	33.3	—	—	15	µg/L	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	—	—	15	µg/L	Y	J	J	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	33.4	—	—	15	µg/L	Y	J	J	N3B-2021-312	CASA-21-210610	GELC
R-10 S2	1042.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	33.7	—	—	15	µg/L	Y	J	J	N3B-2022-324	CASA-22-236467	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	26.6	—	—	15	µg/L	Y	J	J	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.3	—	—	0.05	mg/L	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	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.5	—	—	0.05	mg/L	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	—	—	0.05	mg/L	Y	N	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210610	GELC
R-10 S2	1042.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	20.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	19.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261129	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	2.02	—	pCi/L	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	2.03	—	pCi/L	Y	U	U	N3B-2019-477	CASA-19-164041	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	6.38	—	pCi/L	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	5.36	—	pCi/L	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/05/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.759	0.967	3.44	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210611	GELC
R-10 S2	1042.0	11/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.82	0.887	3.28	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236468	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.53	1.2	3.04	—	pCi/L	Y	U	UJ	N3B-2023-331	CASA-23-261128	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.45	—	—	0.067	mg/L	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	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.26	—	—	0.067	mg/L	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	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/05/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.28	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210610	GELC
R-10 S2	1042.0	11/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.27	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.38	—	—	0.067	mg/L	Y	—	J+	N3B-2023-331	CASA-23-261129	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	2.37	—	pCi/L	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	1.83	—	pCi/L	Y	U	U	N3B-2019-477	CASA-19-164041	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	7.95	—	pCi/L	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	4.91	—	pCi/L	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/05/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.406	1.03	4.12	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210611	GELC
R-10 S2	1042.0	11/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.81	0.933	3.79	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236468	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0392	0.909	3.29	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261128	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.246	—	—	0.033	mg/L	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	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.46	—	—	0.033	mg/L	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	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/05/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.321	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210610	GELC
R-10 S2	1042.0	11/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.434	—	—	0.033	mg/L	Y	—	J-	N3B-2022-324	CASA-22-236467	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.195	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261129	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.16	0.838	2.85	—	pCi/L	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	2.85	—	pCi/L	Y	—	NQ	N3B-2019-477	CASA-19-164041	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.606	0.755	2.98	—	pCi/L	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	2.88	—	pCi/L	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/05/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.353	0.728	2.86	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210611	GELC
R-10 S2	1042.0	11/04/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.87	0.779	2.27	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236468	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.79	0.883	2.62	—	pCi/L	Y	U	UJ	N3B-2023-331	CASA-23-261128	GELC
R-10 S2	1042.0	11/14/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.59	0.809	2.3	—	pCi/L	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	2.72	—	pCi/L	Y	—	NQ	N3B-2019-477	CASA-19-164041	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.33	0.652	2.1	—	pCi/L	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	2.41	—	pCi/L	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/05/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.669	0.699	2.43	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210611	GELC
R-10 S2	1042.0	11/04/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.11	0.786	2.63	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236468	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	2.86	0.732	1.98	—	pCi/L	Y	—	NQ	N3B-2023-331	CASA-23-261128	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	73.9	—	—	0.453	mg/L	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	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	72.2	—	—	0.453	mg/L	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	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	76.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210610	GELC
R-10 S2	1042.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	70.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.01	—	—	0.11	mg/L	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	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.09	—	—	0.11	mg/L	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	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.75	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210610	GELC
R-10 S2	1042.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	4.54	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	4.41	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261129	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	4.76	—	pCi/L	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	3.76	—	pCi/L	Y	U	U	N3B-2019-477	CASA-19-164041	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	13.6	—	pCi/L	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	9.74	—	pCi/L	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/05/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.474	2.08	7.64	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210611	GELC
R-10 S2	1042.0	11/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.0431	1.55	5.6	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236468	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.15	1.49	5.29	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261128	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	—	—	0.017	mg/L	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	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164040	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	—	—	0.017	mg/L	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	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/05/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.513	—	—	0.017	mg/L	Y	—	J-	N3B-2021-312	CASA-21-210610	GELC
R-10 S2	1042.0	11/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.543	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.496	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.476	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-477	CASA-19-164038	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.494	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.493	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.465	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/05/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.466	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-312	CASA-21-210610	GELC
R-10 S2	1042.0	11/04/2021	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.468	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.388	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-331	CASA-23-261129	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	0.061	—	pCi/L	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	0.0583	—	pCi/L	Y	U	U	N3B-2019-477	CASA-19-164041	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	0.0478	—	pCi/L	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	0.0407	—	pCi/L	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/05/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0236	0.0114	0.0606	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210611	GELC
R-10 S2	1042.0	11/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0134	0.0134	0.0945	—	pCi/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0102	0.00811	0.0513	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261128	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	0.0671	—	pCi/L	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-239/240	Pu-239/240	N	0.0135	0.0126	0.0642	—	pCi/L	Y	U	U	N3B-2019-477	CASA-19-164041	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	0.0464	—	pCi/L	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	0.0395	—	pCi/L	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/05/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00523	0.0074	0.0677	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210611	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10 S2	1042.0	11/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00336	0.0138	0.079	—	pCi/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00256	0.00678	0.0532	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261128	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.75	—	—	0.05	mg/L	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	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.83	—	—	0.05	mg/L	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	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.85	—	—	0.05	mg/L	Y	—	J+	N3B-2021-312	CASA-21-210610	GELC
R-10 S2	1042.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.73	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.98	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261129	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	32.5	—	pCi/L	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	29.3	—	pCi/L	Y	U	U	N3B-2019-477	CASA-19-164041	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	103	—	pCi/L	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	85	—	pCi/L	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/05/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-28.6	13.5	48.3	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210611	GELC
R-10 S2	1042.0	11/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-8.81	16	53.7	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236468	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-3.49	12.5	43.3	—	pCi/L	Y	U	UJ	N3B-2023-331	CASA-23-261128	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	0.59	—	pCi/L	Y	U	U	08-191	CASA-08-7420	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	0.539	—	pCi/L	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	0.417	—	pCi/L	Y	—	NQ	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/05/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.2	0.132	0.441	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210611	GELC
R-10 S2	1042.0	11/04/2021	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.423	0.129	0.231	—	pCi/L	Y	—	NQ	N3B-2022-324	CASA-22-236468	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0559	0.112	0.428	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261128	GELC
R-10 S2	1042.0	11/07/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	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 Calculat	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	11/05/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.26	0.281	—	—	pCi/L	Y	—	U	N3B-2021-312	CASA-21-210611	GELC
R-10 S2	1042.0	11/04/2021	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.467	0.217	—	—	pCi/L	Y	—	NQ	N3B-2022-324	CASA-22-236468	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.881	0.295	—	—	pCi/L	Y	J	U	N3B-2023-331	CASA-23-261128	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	0.8	—	pCi/L	Y	U	U	08-191	CASA-08-7420	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	0.51	—	pCi/L	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	0.656	—	pCi/L	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/05/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.06	0.248	0.873	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210611	GELC
R-10 S2	1042.0	11/04/2021	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0441	0.175	0.645	—	pCi/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.825	0.273	0.744	—	pCi/L	Y	—	U	N3B-2023-331	CASA-23-261128	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.7	—	—	0.053	mg/L	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	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.5	—	—	0.053	mg/L	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	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210610	GELC
R-10 S2	1042.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	66.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	61.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.8	—	—	0.1	mg/L	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	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.1	—	—	0.1	mg/L	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	—	—	0.1	mg/L	Y	N	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210610	GELC
R-10 S2	1042.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	13	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	12.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261129	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	2	—	pCi/L	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	2.3	—	pCi/L	Y	U	U	N3B-2019-477	CASA-19-164041	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	5.59	—	pCi/L	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	6.63	—	pCi/L	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/05/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.105	0.995	3.91	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210611	GELC
R-10 S2	1042.0	11/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.288	0.906	3.32	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236468	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.6	0.976	2.89	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261128	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	201	—	—	1	µS/cm	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	—	—	1	µS/cm	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	176	—	—	1	µS/cm	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	—	—	1	µS/cm	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/05/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	207	—	—	1	µS/cm	Y	—	NQ	N3B-2021-312	CASA-21-210610	GELC
R-10 S2	1042.0	11/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	198	—	—	1	µS/cm	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	206	—	—	1	µS/cm	Y	—	NQ	N3B-2023-331	CASA-23-261129	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	107	—	—	1	µg/L	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	—	—	1	µg/L	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	109	—	—	1	µg/L	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	—	—	1	µg/L	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	106	—	—	1	µg/L	Y	—	NQ	N3B-2021-312	CASA-21-210610	GELC
R-10 S2	1042.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	105	—	—	1	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	105	—	—	1	µg/L	Y	—	NQ	N3B-2023-331	CASA-23-261129	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	0.225	—	pCi/L	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	0.498	—	pCi/L	Y	U	U	N3B-2019-477	CASA-19-164041	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	0.496	—	pCi/L	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	0.334	—	pCi/L	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/05/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0225	0.135	0.492	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210611	GELC
R-10 S2	1042.0	11/04/2021	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0967	0.139	0.485	—	pCi/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.172	0.083	0.267	—	pCi/L	Y	U	UJ	N3B-2023-331	CASA-23-261128	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.99	—	—	0.133	mg/L	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	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.69	—	—	0.133	mg/L	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	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/05/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.72	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210610	GELC
R-10 S2	1042.0	11/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.66	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.82	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	—	3.4	mg/L	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	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	161	—	—	3.4	mg/L	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	—	—	3.4	mg/L	Y	—	J+	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/05/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	176	—	—	3.4	mg/L	Y	—	J	N3B-2021-312	CASA-21-210610	GELC
R-10 S2	1042.0	11/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	164	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	159	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.3	—	—	0.067	µg/L	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	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.38	—	—	0.067	µg/L	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	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.3	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-312	CASA-21-210610	GELC
R-10 S2	1042.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.26	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.32	—	—	0.067	µg/L	Y	—	J+	N3B-2023-331	CASA-23-261129	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	0.121	—	pCi/L	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	0.116	—	pCi/L	Y	—	NQ	N3B-2019-477	CASA-19-164041	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	0.072	—	pCi/L	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	0.0638	—	pCi/L	Y	—	NQ	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/05/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.836	0.0903	0.178	—	pCi/L	Y	—	NQ	N3B-2021-312	CASA-21-210611	GELC
R-10 S2	1042.0	11/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.798	0.0556	0.0551	—	pCi/L	Y	—	NQ	N3B-2022-324	CASA-22-236468	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.808	0.0562	0.047	—	pCi/L	Y	—	NQ	N3B-2023-331	CASA-23-261128	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	0.118	—	pCi/L	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	0.113	—	pCi/L	Y	U	U	N3B-2019-477	CASA-19-164041	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	0.0516	—	pCi/L	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	0.0457	—	pCi/L	Y	U	U	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/05/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00318	0.017	0.154	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210611	GELC
R-10 S2	1042.0	11/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0147	0.0115	0.042	—	pCi/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0148	0.00987	0.037	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261128	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	0.12	—	pCi/L	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	0.115	—	pCi/L	Y	—	NQ	N3B-2019-477	CASA-19-164041	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	0.0843	—	pCi/L	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	0.0747	—	pCi/L	Y	—	NQ	N3B-2020-288	CASA-20-189279	GELC
R-10 S2	1042.0	11/05/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.378	0.0621	0.162	—	pCi/L	Y	—	NQ	N3B-2021-312	CASA-21-210611	GELC
R-10 S2	1042.0	11/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.442	0.037	0.0524	—	pCi/L	Y	—	NQ	N3B-2022-324	CASA-22-236468	GELC
R-10 S2	1042.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.404	0.0347	0.045	—	pCi/L	Y	—	NQ	N3B-2023-331	CASA-23-261128	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	12	—	—	1	µg/L	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	—	—	1	µg/L	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	12.2	—	—	1	µg/L	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	—	—	1	µg/L	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	12.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-312	CASA-21-210610	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10 S2	1042.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	12	—	—	1	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	11.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-331	CASA-23-261129	GELC
R-10 S2	1042.0	11/14/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	6.52	—	—	3.3	µg/L	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	—	—	3.3	µg/L	Y	J	J	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	11/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.77	—	—	3.3	µg/L	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	—	—	3.3	µg/L	Y	J	J	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.79	—	—	3.3	µg/L	Y	J	J	N3B-2021-312	CASA-21-210610	GELC
R-10 S2	1042.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	N	22.1	—	—	3.3	µg/L	Y	—	U	N3B-2022-324	CASA-22-236467	GELC
R-10 S2	1042.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	3.78	—	—	3.3	µg/L	Y	J	J	N3B-2023-331	CASA-23-261129	GELC
R-10a	690.0	11/05/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.07	—	—	0.01	SU	Y	H	NQ	N3B-2021-312	CASA-21-210613	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.12	—	—	0.01	SU	Y	H	J	N3B-2021-1615	CASA-21-224397	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.11	—	—	0.01	SU	Y	H	J	N3B-2021-1615	CASA-21-224399	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.09	—	—	0.01	SU	Y	H	J	N3B-2022-324	CASA-22-236471	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.05	—	—	0.01	SU	Y	H	J	N3B-2022-324	CASA-22-236475	GELC
R-10a	690.0	05/06/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.14	—	—	0.01	SU	Y	H	J	N3B-2022-1448	CASA-22-249213	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.23	—	—	0.01	SU	Y	H	J	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.1	—	—	0.01	SU	Y	H	J	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.13	—	—	0.01	SU	Y	H	J	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/05/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	90.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210613	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	91.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224397	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	91.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224399	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	89.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	88.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC
R-10a	690.0	05/06/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	88.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1448	CASA-22-249213	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	89.2	—	—	0.725	mg/L	Y	—	NQ	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/05/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0332	0.0111	0.0608	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210614	GELC
R-10a	690.0	05/18/2021	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.028	0.0121	0.0553	—	pCi/L	Y	U	UJ	N3B-2021-1615	CASA-21-224396	GELC
R-10a	690.0	05/18/2021	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00636	0.0196	0.0565	—	pCi/L	Y	U	U	N3B-2021-1615	CASA-21-224398	GELC
R-10a	690.0	11/04/2021	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0371	0.0139	0.0849	—	pCi/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC
R-10a	690.0	11/04/2021	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0117	0.0117	0.0736	—	pCi/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC
R-10a	690.0	05/06/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0169	0.0104	0.0841	—	pCi/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0235	0.0121	0.0632	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00215	0.00481	0.0405	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00736	0.00726	0.056	—	pCi/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	4.65	—	—	2	µg/L	Y	J	J	N3B-2021-312	CASA-21-210613	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.97	—	—	2	µg/L	Y	J	J	N3B-2021-1615	CASA-21-224397	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	Y	4.16	—	—	2	µg/L	Y	J	J	N3B-2021-1615	CASA-21-224399	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.81	—	—	2	µg/L	Y	J	J	N3B-2022-324	CASA-22-236471	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.02	—	—	2	µg/L	Y	J	J	N3B-2022-324	CASA-22-236475	GELC
R-10a	690.0	05/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	4.44	—	—	2	µg/L	Y	J	J	N3B-2022-1448	CASA-22-249213	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.93	—	—	2	µg/L	Y	J	J	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.87	—	—	2	µg/L	Y	J	J	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.79	—	—	2	µg/L	Y	J	J	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	76.6	—	—	1	µg/L	Y	—	NQ	N3B-2021-312	CASA-21-210613	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	72.6	—	—	1	µg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224397	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	74	—	—	1	µg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224399	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	78.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Barium	Ba	Y	81.2	—	—	1	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC
R-10a	690.0	05/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	75.5	—	—	1	µg/L	Y	—	NQ	N3B-2022-1448	CASA-22-249213	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	72.4	—	—	1	µg/L	Y	—	NQ	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Barium	Ba	Y	72.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	73.7	—	—	1	µg/L	Y	—	NQ	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18.9	—	—	15	µg/L	Y	J	J	N3B-2021-312	CASA-21-210613	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	20.8	—	—	15	µg/L	Y	J	J	N3B-2021-1615	CASA-21-224397	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	20.6	—	—	15	µg/L	Y	J	J	N3B-2021-1615	CASA-21-224399	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	21	—	—	15	µg/L	Y	J	J	N3B-2022-324	CASA-22-236471	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Boron	B	Y	20.5	—	—	15	µg/L	Y	J	J	N3B-2022-324	CASA-22-236475	GELC
R-10a	690.0	05/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	18.8	—	—	15	µg/L	Y	J	J	N3B-2022-1448	CASA-22-249213	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	16.2	—	—	15	µg/L	Y	J	J	N3B-2023-331	CASA-23-261131	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Boron	B	Y	16.1	—	—	15	µg/L	Y	J	J	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	23.3	—	—	15	µg/L	Y	J	J	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/05/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2021-312	CASA-21-210613	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.111	—	—	0.067	mg/L	Y	J	J	N3B-2021-1615	CASA-21-224397	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.109	—	—	0.067	mg/L	Y	J	J	N3B-2021-1615	CASA-21-224399	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2022-324	CASA-22-236471	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2022-324	CASA-22-236475	GELC
R-10a	690.0	05/06/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2022-1448	CASA-22-249213	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.105	—	—	0.067	mg/L	Y	J	J	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.141	—	—	0.067	mg/L	Y	J	J	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	29.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210613	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	26.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224397	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	26.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224399	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	26.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Calcium	Ca	Y	27.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC
R-10a	690.0	05/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	27.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1448	CASA-22-249213	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	24.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Calcium	Ca	Y	24.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	26.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/05/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.43	1.05	4.03	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210614	GELC
R-10a	690.0	05/18/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.165	1.94	7.04	—	pCi/L	Y	U	U	N3B-2021-1615	CASA-21-224396	GELC
R-10a	690.0	05/18/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.22	1.5	6.08	—	pCi/L	Y	U	UJ	N3B-2021-1615	CASA-21-224398	GELC
R-10a	690.0	11/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.624	0.97	3.62	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236472	GELC
R-10a	690.0	11/04/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0964	0.938	3.46	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236476	GELC
R-10a	690.0	05/06/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.18	1.51	4.87	—	pCi/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.07	1.39	3.53	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.445	1.15	4.11	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.081	1.25	4.59	—	pCi/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/05/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.59	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210613	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.76	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224397	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.56	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224399	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.4	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.43	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC
R-10a	690.0	05/06/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.9	—	—	0.067	mg/L	Y	—	J+	N3B-2022-1448	CASA-22-249213	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.66	—	—	0.067	mg/L	Y	—	J+	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.51	—	—	0.067	mg/L	Y	—	J+	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.69	—	—	0.067	mg/L	Y	—	J+	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.2	—	—	3	µg/L	Y	J	J	N3B-2021-312	CASA-21-210613	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.64	—	—	3	µg/L	Y	J	J	N3B-2021-1615	CASA-21-224397	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.71	—	—	3	µg/L	Y	J	J	N3B-2021-1615	CASA-21-224399	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.34	—	—	3	µg/L	Y	J	J	N3B-2022-324	CASA-22-236471	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.55	—	—	3	µg/L	Y	J	J	N3B-2022-324	CASA-22-236475	GELC
R-10a	690.0	05/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.82	—	—	3	µg/L	Y	J	J	N3B-2022-1448	CASA-22-249213	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.07	—	—	3	µg/L	Y	J	J	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.05	—	—	3	µg/L	Y	J	J	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.27	—	—	3	µg/L	Y	J	J	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/05/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.538	0.974	3.9	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210614	GELC
R-10a	690.0	05/18/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.44	1.69	6.16	—	pCi/L	Y	U	U	N3B-2021-1615	CASA-21-224396	GELC
R-10a	690.0	05/18/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.349	1.77	6.76	—	pCi/L	Y	U	U	N3B-2021-1615	CASA-21-224398	GELC
R-10a	690.0	11/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.13	1.1	4.26	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236472	GELC
R-10a	690.0	11/04/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0905	0.938	3.54	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236476	GELC
R-10a	690.0	05/06/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.147	1.21	4.3	—	pCi/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.41	0.893	3.41	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0855	1.07	4.11	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.08	1.31	5.52	—	pCi/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/05/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.515	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210613	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.454	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224397	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.456	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224399	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.584	—	—	0.033	mg/L	Y	—	J-	N3B-2022-324	CASA-22-236471	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.595	—	—	0.033	mg/L	Y	—	J-	N3B-2022-324	CASA-22-236475	GELC
R-10a	690.0	05/06/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.539	—	—	0.033	mg/L	Y	—	J+	N3B-2022-1448	CASA-22-249213	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10a	690.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.374	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.378	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.412	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/05/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.821	0.839	2.97	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210614	GELC
R-10a	690.0	05/18/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.84	0.778	2.15	—	pCi/L	Y	U	UJ	N3B-2021-1615	CASA-21-224396	GELC
R-10a	690.0	05/18/2021	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.108	0.468	2.13	—	pCi/L	Y	U	U	N3B-2021-1615	CASA-21-224398	GELC
R-10a	690.0	11/04/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.563	0.653	2.51	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236472	GELC
R-10a	690.0	11/04/2021	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.01	0.892	3.12	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236476	GELC
R-10a	690.0	05/06/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	2.49	1.06	2.9	—	pCi/L	Y	U	UJ	N3B-2022-1448	CASA-22-249212	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.25	0.861	2.88	—	pCi/L	Y	U	UJ	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.423	0.74	2.97	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.745	0.602	2.11	—	pCi/L	Y	U	UJ	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/05/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.77	0.874	2.29	—	pCi/L	Y	—	NQ	N3B-2021-312	CASA-21-210614	GELC
R-10a	690.0	05/18/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.25	0.95	2.8	—	pCi/L	Y	—	J	N3B-2021-1615	CASA-21-224396	GELC
R-10a	690.0	05/18/2021	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	0.359	0.804	2.87	—	pCi/L	Y	U	UJ	N3B-2021-1615	CASA-21-224398	GELC
R-10a	690.0	11/04/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.64	0.963	2.75	—	pCi/L	Y	—	J	N3B-2022-324	CASA-22-236472	GELC
R-10a	690.0	11/04/2021	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	4.07	0.925	2.68	—	pCi/L	Y	—	NQ	N3B-2022-324	CASA-22-236476	GELC
R-10a	690.0	05/06/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	3.74	0.815	2.39	—	pCi/L	Y	—	NQ	N3B-2022-1448	CASA-22-249212	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	3.26	0.831	2.24	—	pCi/L	Y	—	NQ	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	RAD	EPA:900.0	Gross beta	GROSSB	Y	3.26	0.862	2.52	—	pCi/L	Y	—	NQ	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	3.29	0.914	2.58	—	pCi/L	Y	—	NQ	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	89	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210613	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	82.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224397	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	82.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224399	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	82	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	83.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC
R-10a	690.0	05/06/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	83.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1448	CASA-22-249213	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	76.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	75.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	81	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.94	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210613	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.71	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224397	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.8	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224399	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.65	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.77	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC
R-10a	690.0	05/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.87	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1448	CASA-22-249213	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.65	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.59	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.79	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.608	—	—	0.2	µg/L	Y	J	J	N3B-2021-1615	CASA-21-224397	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.639	—	—	0.2	µg/L	Y	J	J	N3B-2021-1615	CASA-21-224399	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.699	—	—	0.2	µg/L	Y	J	J	N3B-2022-324	CASA-22-236471	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.746	—	—	0.2	µg/L	Y	J	J	N3B-2022-324	CASA-22-236475	GELC
R-10a	690.0	05/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.578	—	—	0.2	µg/L	Y	J	J	N3B-2022-1448	CASA-22-249213	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	N	0.67	—	—	0.2	µg/L	Y	J	U	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	N	0.665	—	—	0.2	µg/L	Y	J	U	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.707	—	—	0.2	µg/L	Y	J	J	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/05/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.08	2.07	7.39	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210614	GELC
R-10a	690.0	05/18/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.115	3.55	10.9	—	pCi/L	Y	U	U	N3B-2021-1615	CASA-21-224396	GELC
R-10a	690.0	05/18/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.86	2.74	10.1	—	pCi/L	Y	U	U	N3B-2021-1615	CASA-21-224398	GELC
R-10a	690.0	11/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.539	2.25	6.64	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236472	GELC
R-10a	690.0	11/04/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.52	1.79	6.37	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236476	GELC
R-10a	690.0	05/06/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.07	2.19	7.83	—	pCi/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.341	1.61	5.71	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.34	2.32	7.99	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.742	2.26	8.53	—	pCi/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	7.24	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-312	CASA-21-210613	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	6.67	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224397	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Nickel	Ni	Y	6.83	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224399	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	5.22	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Nickel	Ni	Y	5.43	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10a	690.0	05/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	4.69	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-1448	CASA-22-249213	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	5.46	—	—	0.6	µg/L	Y	—	NQ	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Nickel	Ni	Y	5.41	—	—	0.6	µg/L	Y	—	NQ	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	5.57	—	—	0.6	µg/L	Y	—	NQ	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/05/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.26	—	—	0.085	mg/L	Y	—	J-	N3B-2021-312	CASA-21-210613	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.26	—	—	0.085	mg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224397	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.23	—	—	0.085	mg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224399	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.25	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.3	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC
R-10a	690.0	05/06/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.26	—	—	0.085	mg/L	Y	—	NQ	N3B-2022-1448	CASA-22-249213	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.17	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.17	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.2	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/05/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.707	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-312	CASA-21-210613	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.714	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224397	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.769	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224399	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.688	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.68	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC
R-10a	690.0	05/06/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.684	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-1448	CASA-22-249213	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.581	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.593	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.653	—	—	0.05	µg/L	Y	—	J	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/05/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00758	0.00758	0.0585	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210614	GELC
R-10a	690.0	05/18/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00972	0.0207	0.0802	—	pCi/L	Y	U	U	N3B-2021-1615	CASA-21-224396	GELC
R-10a	690.0	05/18/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.007	0.0192	0.0867	—	pCi/L	Y	U	U	N3B-2021-1615	CASA-21-224398	GELC
R-10a	690.0	11/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0117	0.017	0.11	—	pCi/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC
R-10a	690.0	11/04/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00443	0.00542	0.0623	—	pCi/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC
R-10a	690.0	05/06/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00696	0.0077	0.0412	—	pCi/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0052	0.00736	0.052	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00945	0.00568	0.0378	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00237	0.0109	0.0484	—	pCi/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/05/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0113	0.0653	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210614	GELC
R-10a	690.0	05/18/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00324	0.00971	0.0813	—	pCi/L	Y	U	U	N3B-2021-1615	CASA-21-224396	GELC
R-10a	690.0	05/18/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0035	0.00926	0.0879	—	pCi/L	Y	U	U	N3B-2021-1615	CASA-21-224398	GELC
R-10a	690.0	11/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0273	0.0141	0.0917	—	pCi/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC
R-10a	690.0	11/04/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00885	0.00767	0.052	—	pCi/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC
R-10a	690.0	05/06/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0209	0.0133	0.0621	—	pCi/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0078	0.00781	0.054	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00378	0.00597	0.0393	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00474	0.00671	0.0499	—	pCi/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.02	—	—	0.05	mg/L	Y	—	J+	N3B-2021-312	CASA-21-210613	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224397	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	2.98	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224399	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	3.06	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Potassium	K	Y	3.15	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC
R-10a	690.0	05/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	3.16	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1448	CASA-22-249213	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	3.25	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Potassium	K	Y	3.21	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	3.11	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/05/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	22.9	20.6	47.3	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210614	GELC
R-10a	690.0	05/18/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-18.3	32	117	—	pCi/L	Y	U	U	N3B-2021-1615	CASA-21-224396	GELC
R-10a	690.0	05/18/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-70	27.1	77.6	—	pCi/L	Y	U	U	N3B-2021-1615	CASA-21-224398	GELC
R-10a	690.0	11/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12.5	20.8	32.7	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236472	GELC
R-10a	690.0	11/04/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	40.8	18.3	38	—	pCi/L	Y	UI	UJ	N3B-2022-324	CASA-22-236476	GELC
R-10a	690.0	05/06/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	30.8	15.7	34.2	—	pCi/L	Y	U	UJ	N3B-2022-1448	CASA-22-249212	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	2.56	25.8	28.9	—	pCi/L	Y	U	UJ	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	8.46	16.2	62.4	—	pCi/L	Y	U	UJ	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	19.6	25.2	47.8	—	pCi/L	Y	U	UJ	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/05/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.705	0.178	0.355	—	pCi/L	Y	—	NQ	N3B-2021-312	CASA-21-210614	GELC
R-10a	690.0	05/18/2021	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.241	0.0903	0.231	—	pCi/L	Y	—	NQ	N3B-2021-1615	CASA-21-224396	GELC
R-10a	690.0	05/18/2021	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.72	0.163	0.37	—	pCi/L	Y	—	NQ	N3B-2021-1615	CASA-21-224398	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10a	690.0	11/04/2021	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.566	0.166	0.348	—	pCi/L	Y	—	NQ	N3B-2022-324	CASA-22-236472	GELC
R-10a	690.0	11/04/2021	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.584	0.16	0.34	—	pCi/L	Y	—	NQ	N3B-2022-324	CASA-22-236476	GELC
R-10a	690.0	05/06/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.612	0.211	0.538	—	pCi/L	Y	—	NQ	N3B-2022-1448	CASA-22-249212	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.354	0.136	0.355	—	pCi/L	Y	U	UJ	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.631	0.173	0.367	—	pCi/L	Y	—	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.465	0.213	0.577	—	pCi/L	Y	U	UJ	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/05/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	1.08	0.298	—	—	pCi/L	Y	—	NQ	N3B-2021-312	CASA-21-210614	GELC
R-10a	690.0	05/18/2021	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.61	0.238	—	—	pCi/L	Y	—	NQ	N3B-2021-1615	CASA-21-224396	GELC
R-10a	690.0	05/18/2021	WG	UF	INIT	FD	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	1.03	0.273	—	—	pCi/L	Y	—	NQ	N3B-2021-1615	CASA-21-224398	GELC
R-10a	690.0	11/04/2021	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.571	0.237	—	—	pCi/L	Y	—	NQ	N3B-2022-324	CASA-22-236472	GELC
R-10a	690.0	11/04/2021	WG	UF	INIT	FD	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.658	0.266	—	—	pCi/L	Y	—	NQ	N3B-2022-324	CASA-22-236476	GELC
R-10a	690.0	05/06/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.612	0.242	—	—	pCi/L	Y	J	J	N3B-2022-1448	CASA-22-249212	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.527	0.241	—	—	pCi/L	Y	U	UJ	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.777	0.263	—	—	pCi/L	Y	J	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.846	0.28	—	—	pCi/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/05/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.372	0.239	0.796	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210614	GELC
R-10a	690.0	05/18/2021	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.369	0.22	0.726	—	pCi/L	Y	U	UJ	N3B-2021-1615	CASA-21-224396	GELC
R-10a	690.0	05/18/2021	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.311	0.22	0.739	—	pCi/L	Y	U	U	N3B-2021-1615	CASA-21-224398	GELC
R-10a	690.0	11/04/2021	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.00499	0.169	0.63	—	pCi/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC
R-10a	690.0	11/04/2021	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.074	0.212	0.75	—	pCi/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC
R-10a	690.0	05/06/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.305	0.119	0.539	—	pCi/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.174	0.199	0.701	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.145	0.198	0.71	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.382	0.181	0.553	—	pCi/L	Y	U	UJ	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	56.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210613	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	54.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224397	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	54.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224399	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	55.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	56.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC
R-10a	690.0	05/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	54.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1448	CASA-22-249213	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	51.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	51	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	53.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210613	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224397	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224399	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Sodium	Na	Y	12.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC
R-10a	690.0	05/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	12.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1448	CASA-22-249213	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Sodium	Na	Y	12.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	12.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/05/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.56	1.09	4.25	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210614	GELC
R-10a	690.0	05/18/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.15	1.61	6.35	—	pCi/L	Y	U	U	N3B-2021-1615	CASA-21-224396	GELC
R-10a	690.0	05/18/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	3.07	1.8	5.37	—	pCi/L	Y	U	UJ	N3B-2021-1615	CASA-21-224398	GELC
R-10a	690.0	11/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.881	0.972	3.64	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236472	GELC
R-10a	690.0	11/04/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.278	0.883	3.45	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236476	GELC
R-10a	690.0	05/06/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.743	1.26	4.38	—	pCi/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.289	0.994	3.57	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.379	1.35	4.91	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0144	1.1	4.47	—	pCi/L	Y	U	U	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/05/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	233	—	—	1	µS/cm	Y	—	NQ	N3B-2021-312	CASA-21-210613	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	240	—	—	1	µS/cm	Y	—	NQ	N3B-2021-1615	CASA-21-224397	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	243	—	—	1	µS/cm	Y	—	NQ	N3B-2021-1615	CASA-21-224399	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	230	—	—	1	µS/cm	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	229	—	—	1	µS/cm	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC
R-10a	690.0	05/06/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	236	—	—	1	µS/cm	Y	—	NQ	N3B-2022-1448	CASA-22-249213	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	234	—	—	1	µS/cm	Y	—	NQ	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	235	—	—	1	µS/cm	Y	—	NQ	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	222	—	—	1	µS/cm	Y	—	NQ	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	183	—	—	1	µg/L	Y	—	NQ	N3B-2021-312	CASA-21-210613	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10a	690.0	05/18/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	180	—	—	1	µg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224397	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	181	—	—	1	µg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224399	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	181	—	—	1	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Strontium	Sr	Y	187	—	—	1	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC
R-10a	690.0	05/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	188	—	—	1	µg/L	Y	—	NQ	N3B-2022-1448	CASA-22-249213	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	185	—	—	1	µg/L	Y	—	NQ	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Strontium	Sr	Y	183	—	—	1	µg/L	Y	—	NQ	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	182	—	—	1	µg/L	Y	—	NQ	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/05/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.306	0.153	0.496	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210614	GELC
R-10a	690.0	05/18/2021	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.141	0.136	0.466	—	pCi/L	Y	U	UJ	N3B-2021-1615	CASA-21-224396	GELC
R-10a	690.0	05/18/2021	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0175	0.126	0.478	—	pCi/L	Y	U	UJ	N3B-2021-1615	CASA-21-224398	GELC
R-10a	690.0	11/04/2021	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.103	0.142	0.482	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236472	GELC
R-10a	690.0	11/04/2021	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.166	0.123	0.481	—	pCi/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC
R-10a	690.0	05/06/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.107	0.0988	0.344	—	pCi/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.175	0.0788	0.252	—	pCi/L	Y	U	UJ	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.367	0.0881	0.315	—	pCi/L	Y	U	U	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.287	0.152	0.492	—	pCi/L	Y	U	UJ	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/05/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.3	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-312	CASA-21-210613	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.7	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224397	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	11	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224399	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.2	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.2	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC
R-10a	690.0	05/06/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.9	—	—	0.133	mg/L	Y	—	J+	N3B-2022-1448	CASA-22-249213	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.5	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.4	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.6	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/05/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	194	—	—	3.4	mg/L	Y	—	J	N3B-2021-312	CASA-21-210613	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	169	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224397	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	170	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224399	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	166	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC
R-10a	690.0	05/06/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	186	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-1448	CASA-22-249213	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	165	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	175	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	2.38	mg/L	Y	—	J	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.72	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-312	CASA-21-210613	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.72	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224397	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	1.73	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224399	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.7	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	1.7	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC
R-10a	690.0	05/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.68	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-1448	CASA-22-249213	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.68	—	—	0.067	µg/L	Y	—	J+	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	1.68	—	—	0.067	µg/L	Y	—	J+	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.72	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/05/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.04	0.0977	0.171	—	pCi/L	Y	—	NQ	N3B-2021-312	CASA-21-210614	GELC
R-10a	690.0	05/18/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.07	0.0855	0.122	—	pCi/L	Y	—	NQ	N3B-2021-1615	CASA-21-224396	GELC
R-10a	690.0	05/18/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.05	0.0818	0.118	—	pCi/L	Y	—	NQ	N3B-2021-1615	CASA-21-224398	GELC
R-10a	690.0	11/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.957	0.0786	0.0967	—	pCi/L	Y	—	NQ	N3B-2022-324	CASA-22-236472	GELC
R-10a	690.0	11/04/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.982	0.0677	0.0601	—	pCi/L	Y	—	NQ	N3B-2022-324	CASA-22-236476	GELC
R-10a	690.0	05/06/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.969	0.0711	0.0555	—	pCi/L	Y	—	NQ	N3B-2022-1448	CASA-22-249212	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.932	0.0708	0.0677	—	pCi/L	Y	—	NQ	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.958	0.0629	0.0464	—	pCi/L	Y	—	NQ	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.09	0.069	0.0474	—	pCi/L	Y	—	NQ	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/05/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0301	0.0221	0.148	—	pCi/L	Y	U	U	N3B-2021-312	CASA-21-210614	GELC
R-10a	690.0	05/18/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00766	0.015	0.101	—	pCi/L	Y	U	U	N3B-2021-1615	CASA-21-224396	GELC
R-10a	690.0	05/18/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0559	0.0248	0.0974	—	pCi/L	Y	U	UJ	N3B-2021-1615	CASA-21-224398	GELC
R-10a	690.0	11/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0215	0.0143	0.0737	—	pCi/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC
R-10a	690.0	11/04/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0214	0.01	0.0458	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236476	GELC
R-10a	690.0	05/06/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0362	0.0129	0.0454	—	pCi/L	Y	U	UJ	N3B-2022-1448	CASA-22-249212	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0425	0.0134	0.0532	—	pCi/L	Y	U	UJ	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0388	0.011	0.0365	—	pCi/L	Y	—	NQ	N3B-2023-331	CASA-23-261441	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0408	0.0106	0.0452	—	pCi/L	Y	U	UJ	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/05/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.625	0.075	0.156	—	pCi/L	Y	—	NQ	N3B-2021-312	CASA-21-210614	GELC
R-10a	690.0	05/18/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.476	0.0582	0.127	—	pCi/L	Y	—	NQ	N3B-2021-1615	CASA-21-224396	GELC
R-10a	690.0	05/18/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.559	0.0601	0.123	—	pCi/L	Y	—	NQ	N3B-2021-1615	CASA-21-224398	GELC
R-10a	690.0	11/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.525	0.0518	0.0919	—	pCi/L	Y	—	NQ	N3B-2022-324	CASA-22-236472	GELC
R-10a	690.0	11/04/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.589	0.0462	0.0571	—	pCi/L	Y	—	NQ	N3B-2022-324	CASA-22-236476	GELC
R-10a	690.0	05/06/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.586	0.0501	0.0456	—	pCi/L	Y	—	NQ	N3B-2022-1448	CASA-22-249212	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.553	0.0491	0.0647	—	pCi/L	Y	—	NQ	N3B-2023-331	CASA-23-261130	GELC
R-10a	690.0	11/03/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.546	0.042	0.0444	—	pCi/L	Y	—	NQ	N3B-2023-331	CASA-23-261441	GELC
R-10a	690.0	05/11/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.59	0.0438	0.0455	—	pCi/L	Y	—	NQ	N3B-2023-2356	CASA-23-282086	GELC
R-10a	690.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	8.08	—	—	1	µg/L	Y	—	NQ	N3B-2021-312	CASA-21-210613	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.3	—	—	1	µg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224397	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.15	—	—	1	µg/L	Y	—	NQ	N3B-2021-1615	CASA-21-224399	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	7.95	—	—	1	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Vanadium	V	Y	7.88	—	—	1	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC
R-10a	690.0	05/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	8.21	—	—	1	µg/L	Y	—	NQ	N3B-2022-1448	CASA-22-249213	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	7.7	—	—	1	µg/L	Y	—	NQ	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Vanadium	V	Y	7.64	—	—	1	µg/L	Y	—	NQ	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	7.59	—	—	1	µg/L	Y	—	NQ	N3B-2023-2356	CASA-23-282087	GELC
R-10a	690.0	11/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	11.8	—	—	3.3	µg/L	Y	J	J	N3B-2021-312	CASA-21-210613	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.67	—	—	3.3	µg/L	Y	J	J	N3B-2021-1615	CASA-21-224397	GELC
R-10a	690.0	05/18/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.6	—	—	3.3	µg/L	Y	J	J	N3B-2021-1615	CASA-21-224399	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	N	27.3	—	—	3.3	µg/L	Y	—	U	N3B-2022-324	CASA-22-236471	GELC
R-10a	690.0	11/04/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Zinc	Zn	N	27.8	—	—	3.3	µg/L	Y	—	U	N3B-2022-324	CASA-22-236475	GELC
R-10a	690.0	05/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	9.89	—	—	3.3	µg/L	Y	J	J	N3B-2022-1448	CASA-22-249213	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	7.66	—	—	3.3	µg/L	Y	J	J	N3B-2023-331	CASA-23-261131	GELC
R-10a	690.0	11/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Zinc	Zn	Y	8.61	—	—	3.3	µg/L	Y	J	J	N3B-2023-331	CASA-23-261442	GELC
R-10a	690.0	05/11/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	13.3	—	—	3.3	µg/L	Y	J	J	N3B-2023-2356	CASA-23-282087	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	—	—	0.01	SU	Y	H	NQ	2017-2169	CASA-17-142030	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	—	—	0.01	SU	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	—	—	0.01	SU	Y	H	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.45	—	—	0.01	SU	Y	H	NQ	N3B-2020-1536	CASA-20-199003	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.4	—	—	0.01	SU	Y	H	NQ	N3B-2020-1536	CASA-20-199008	GELC
R-12 S2	504.5	07/23/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.4	—	—	0.01	SU	Y	H	J	N3B-2021-2147	CASA-21-231073	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.41	—	—	0.01	SU	Y	H	J	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	2017-2169	CASA-17-142030	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	—	—	1.45	mg/L	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	—	—	1.45	mg/L	Y	U	U	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	3.13	—	—	1.45	mg/L	Y	J	J	N3B-2020-1536	CASA-20-199003	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2020-1536	CASA-20-199008	GELC
R-12 S2	504.5	07/23/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	2.41	—	—	1.45	mg/L	Y	J	J	N3B-2021-2147	CASA-21-231073	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	4	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-2316	CASA-22-252064	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	—	—	1.45	mg/L	Y	—	NQ	2017-2169	CASA-17-142030	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	—	—	1.45	mg/L	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	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1536	CASA-20-199003	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1536	CASA-20-199008	GELC
R-12 S2	504.5	07/23/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-2316	CASA-22-252064	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	0.0481	—	pCi/L	Y	U	U	2017-2169	CASA-17-142037	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	0.0369	—	pCi/L	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	0.0281	—	pCi/L	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0106	0.00765	0.0375	—	pCi/L	Y	U	U	N3B-2020-1536	CASA-20-199002	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0137	0.00804	0.0345	—	pCi/L	Y	U	U	N3B-2020-1536	CASA-20-199019	GELC
R-12 S2	504.5	07/23/2021	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.032	0.0138	0.0709	—	pCi/L	Y	U	UJ	N3B-2021-2147	CASA-21-231072	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00581	0.00581	0.0388	—	pCi/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	12.2	—	—	1	µg/L	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	12.4	—	—	1	µg/L	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	—	—	1	µg/L	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	12.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-1536	CASA-20-199003	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	12.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-1536	CASA-20-199008	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-12 S2	504.5	07/23/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	12	—	—	1	µg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	12.2	—	—	1	µg/L	Y	—	NQ	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	17.4	—	—	15	µg/L	Y	J	J	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	20.1	—	—	15	µg/L	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	—	—	15	µg/L	Y	J	J	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	20.3	—	—	15	µg/L	Y	J	J	N3B-2020-1536	CASA-20-199003	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	20.7	—	—	15	µg/L	Y	J	J	N3B-2020-1536	CASA-20-199008	GELC
R-12 S2	504.5	07/23/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	20.5	—	—	15	µg/L	Y	J	J	N3B-2021-2147	CASA-21-231073	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	20.1	—	—	15	µg/L	Y	J	J	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.4	—	—	0.05	mg/L	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18	—	—	0.05	mg/L	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	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1536	CASA-20-199003	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1536	CASA-20-199008	GELC
R-12 S2	504.5	07/23/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	17.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-2316	CASA-22-252064	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	3.1	—	pCi/L	Y	U	U	2017-2169	CASA-17-142037	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	3.22	—	pCi/L	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	3.3	—	pCi/L	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.729	1.2	4.57	—	pCi/L	Y	U	U	N3B-2020-1536	CASA-20-199002	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.067	1.81	6.42	—	pCi/L	Y	U	U	N3B-2020-1536	CASA-20-199019	GELC
R-12 S2	504.5	07/23/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.17	1.1	4.03	—	pCi/L	Y	U	U	N3B-2021-2147	CASA-21-231072	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.7	1.66	5.05	—	pCi/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.35	—	—	0.067	mg/L	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.64	—	—	0.067	mg/L	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	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.36	—	—	0.067	mg/L	Y	—	J+	N3B-2020-1536	CASA-20-199003	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.19	—	—	0.067	mg/L	Y	—	J+	N3B-2020-1536	CASA-20-199008	GELC
R-12 S2	504.5	07/23/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.36	—	—	0.067	mg/L	Y	—	J+	N3B-2022-2316	CASA-22-252064	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	2.76	—	pCi/L	Y	U	U	2017-2169	CASA-17-142037	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	3.17	—	pCi/L	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	3.52	—	pCi/L	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0965	1.05	4.24	—	pCi/L	Y	U	U	N3B-2020-1536	CASA-20-199002	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.26	2.01	9.35	—	pCi/L	Y	U	U	N3B-2020-1536	CASA-20-199019	GELC
R-12 S2	504.5	07/23/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.977	1.25	4.57	—	pCi/L	Y	U	U	N3B-2021-2147	CASA-21-231072	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.2	1.27	5.63	—	pCi/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/21/2014	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	10.2	—	—	3.06	µg/L	Y	U	U	2014-3960	CASA-14-84038	GELC
R-12 S2	504.5	08/18/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	5.1	—	—	1.53	µg/L	Y	U	U	2015-2192	CASA-15-102635	GELC
R-12 S2	504.5	08/03/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	5	—	—	1.5	µg/L	Y	U	U	2016-1902	CASA-16-124326	GELC
R-12 S2	504.5	08/03/2016	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	5.26	—	—	1.58	µg/L	Y	U	U	2016-1902	CASA-16-124310	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	2.73	—	—	2.73	µg/L	Y	U	U	N3B-2020-1536	CASA-20-199002	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.02	—	—	3.02	µg/L	Y	U	U	N3B-2020-1536	CASA-20-199019	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.167	—	—	0.1	µg/L	Y	J	J	N3B-2020-1536	CASA-20-199002	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	FD	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.17	—	—	0.1	µg/L	Y	J	J	N3B-2020-1536	CASA-20-199019	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3.12	—	—	3.12	µg/L	N	U	UJ	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.301	—	—	0.1	µg/L	Y	J	J	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.283	—	—	0.033	mg/L	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.419	—	—	0.033	mg/L	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	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.474	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1536	CASA-20-199003	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.459	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1536	CASA-20-199008	GELC
R-12 S2	504.5	07/23/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.348	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.369	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/27/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.86	0.936	2.85	—	pCi/L	Y	U	U	2017-2169	CASA-17-142037	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.46	0.875	2.84	—	pCi/L	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	2.91	—	pCi/L	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.323	0.695	2.88	—	pCi/L	Y	U	U	N3B-2020-1536	CASA-20-199002	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.14	0.698	2.19	—	pCi/L	Y	U	U	N3B-2020-1536	CASA-20-199019	GELC
R-12 S2	504.5	07/23/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.481	0.589	2.27	—	pCi/L	Y	U	U	N3B-2021-2147	CASA-21-231072	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.43	0.788	2.46	—	pCi/L	Y	U	UJ	N3B-2022-2316	CASA-22-252063	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-12 S2	504.5	07/27/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.24	0.963	2.97	—	pCi/L	Y	—	NQ	2017-2169	CASA-17-142037	GELC
R-12 S2	504.5	07/25/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.83	0.863	2.7	—	pCi/L	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	2.19	—	pCi/L	Y	—	NQ	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.68	0.87	2.81	—	pCi/L	Y	U	U	N3B-2020-1536	CASA-20-199002	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	-1.7	0.714	2.92	—	pCi/L	Y	U	U	N3B-2020-1536	CASA-20-199019	GELC
R-12 S2	504.5	07/23/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.38	0.789	2.6	—	pCi/L	Y	U	UJ	N3B-2021-2147	CASA-21-231072	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	-1.22	0.709	2.72	—	pCi/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.8	—	—	0.453	mg/L	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.6	—	—	0.453	mg/L	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	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1536	CASA-20-199003	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1536	CASA-20-199008	GELC
R-12 S2	504.5	07/23/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.84	—	—	0.11	mg/L	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.58	—	—	0.11	mg/L	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	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.89	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1536	CASA-20-199003	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.74	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1536	CASA-20-199008	GELC
R-12 S2	504.5	07/23/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.16	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.66	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	31.8	—	—	2	µg/L	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	30.5	—	—	2	µg/L	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	—	—	2	µg/L	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	31.7	—	—	2	µg/L	Y	—	NQ	N3B-2020-1536	CASA-20-199003	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	Y	31.6	—	—	2	µg/L	Y	—	NQ	N3B-2020-1536	CASA-20-199008	GELC
R-12 S2	504.5	07/23/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	32.1	—	—	2	µg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	Y	33.8	—	—	2	µg/L	Y	—	NQ	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.68	—	—	0.2	µg/L	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.91	—	—	0.2	µg/L	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	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.51	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1536	CASA-20-199003	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.56	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1536	CASA-20-199008	GELC
R-12 S2	504.5	07/23/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.53	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.56	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-2316	CASA-22-252064	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	6.33	—	pCi/L	Y	U	U	2017-2169	CASA-17-142037	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	6.03	—	pCi/L	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	5.76	—	pCi/L	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.4	2.55	8.39	—	pCi/L	Y	U	U	N3B-2020-1536	CASA-20-199002	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.85	3.23	10.6	—	pCi/L	Y	U	U	N3B-2020-1536	CASA-20-199019	GELC
R-12 S2	504.5	07/23/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.89	4.14	8.55	—	pCi/L	Y	U	UJ	N3B-2021-2147	CASA-21-231072	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	5.02	3	10.8	—	pCi/L	Y	U	UJ	N3B-2022-2316	CASA-22-252063	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	—	—	0.017	mg/L	Y	—	NQ	2017-2169	CASA-17-142030	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	—	—	0.085	mg/L	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	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.27	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1536	CASA-20-199003	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.26	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1536	CASA-20-199008	GELC
R-12 S2	504.5	07/23/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.27	—	—	0.085	mg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.25	—	—	0.085	mg/L	Y	—	J+	N3B-2022-2316	CASA-22-252064	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	0.0633	—	pCi/L	Y	U	U	2017-2169	CASA-17-142037	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	0.034	—	pCi/L	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	0.0344	—	pCi/L	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0234	0.00937	0.0433	—	pCi/L	Y	U	U	N3B-2020-1536	CASA-20-199002	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00481	0.00834	0.0444	—	pCi/L	Y	U	U	N3B-2020-1536	CASA-20-199019	GELC
R-12 S2	504.5	07/23/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00485	0.00839	0.057	—	pCi/L	Y	U	UJ	N3B-2021-2147	CASA-21-231072	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00229	0.00397	0.0469	—	pCi/L	Y	U	U	N3B-2022-2316	CASA-22-252063	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	0.0688	—	pCi/L	Y	U	U	2017-2169	CASA-17-142037	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	0.0372	—	pCi/L	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	0.0376	—	pCi/L	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00994	0.0434	—	pCi/L	Y	U	U	N3B-2020-1536	CASA-20-199002	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0217	0.0115	0.0445	—	pCi/L	Y	U	U	N3B-2020-1536	CASA-20-199019	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-12 S2	504.5	07/23/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0194	0.00969	0.0593	—	pCi/L	Y	U	UJ	N3B-2021-2147	CASA-21-231072	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00229	0.00687	0.0412	—	pCi/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.23	—	—	0.05	mg/L	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.18	—	—	0.05	mg/L	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	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.38	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1536	CASA-20-199003	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	2.37	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1536	CASA-20-199008	GELC
R-12 S2	504.5	07/23/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.28	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-2316	CASA-22-252064	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	41.5	—	pCi/L	Y	U	U	2017-2169	CASA-17-142037	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	49	—	pCi/L	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	40.1	—	pCi/L	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	3.08	16.2	56.9	—	pCi/L	Y	U	U	N3B-2020-1536	CASA-20-199002	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	2.67	28.4	117	—	pCi/L	Y	U	U	N3B-2020-1536	CASA-20-199019	GELC
R-12 S2	504.5	07/23/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-14	15.5	61.3	—	pCi/L	Y	U	U	N3B-2021-2147	CASA-21-231072	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.189	22.2	86.8	—	pCi/L	Y	U	UJ	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	08/01/2002	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.239	0.149	0.481	—	pCi/L	Y	U	U	64768	GU0207G12R201	GELC
R-12 S2	504.5	08/01/2002	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	3.93	3.47	7.45	—	pCi/L	Y	U	U	64768	GU0207G12R201	GELC
R-12 S2	504.5	01/28/2004	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	5.84	4.12	5.72	—	pCi/L	Y	—	U	106416	GU0311G12R201	GELC
R-12 S2	504.5	01/28/2004	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.242	0.114	0.297	—	pCi/L	Y	U	U	106416	GU0311G12R201	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	1.28	0.271	0.407	—	pCi/L	Y	—	NQ	N3B-2020-1536	CASA-20-199002	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.325	0.162	0.499	—	pCi/L	Y	U	U	N3B-2020-1536	CASA-20-199019	GELC
R-12 S2	504.5	07/23/2021	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.468	0.137	0.323	—	pCi/L	Y	—	NQ	N3B-2021-2147	CASA-21-231072	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.245	0.0939	0.209	—	pCi/L	Y	—	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	1.48	0.309	—	—	pCi/L	Y	—	NQ	N3B-2020-1536	CASA-20-199002	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	FD	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.626	0.243	—	—	pCi/L	Y	—	NQ	N3B-2020-1536	CASA-20-199019	GELC
R-12 S2	504.5	07/23/2021	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.516	0.22	—	—	pCi/L	Y	—	NQ	N3B-2021-2147	CASA-21-231072	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.245	0.227	—	—	pCi/L	Y	J	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	08/01/2002	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-228	Ra-228	N	5.61	3.89	15.1	—	pCi/L	Y	U	U	64768	GU0207G12R201	GELC
R-12 S2	504.5	01/28/2004	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-228	Ra-228	N	12.1	3.51	12.9	—	pCi/L	Y	U	U	106416	GU0311G12R201	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.201	0.148	0.502	—	pCi/L	Y	U	U	N3B-2020-1536	CASA-20-199002	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.302	0.181	0.599	—	pCi/L	Y	U	U	N3B-2020-1536	CASA-20-199019	GELC
R-12 S2	504.5	07/23/2021	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0488	0.172	0.634	—	pCi/L	Y	U	U	N3B-2021-2147	CASA-21-231072	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.204	0.207	0.831	—	pCi/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	44.9	—	—	0.053	mg/L	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	42.8	—	—	0.053	mg/L	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	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	42.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1536	CASA-20-199003	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	43	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1536	CASA-20-199008	GELC
R-12 S2	504.5	07/23/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	45.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	47.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.96	—	—	0.1	mg/L	Y	E	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.91	—	—	0.1	mg/L	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	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1536	CASA-20-199003	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1536	CASA-20-199008	GELC
R-12 S2	504.5	07/23/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-2316	CASA-22-252064	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	3.09	—	pCi/L	Y	U	U	2017-2169	CASA-17-142037	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	3.38	—	pCi/L	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	3.44	—	pCi/L	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.58	1.14	3.43	—	pCi/L	Y	U	U	N3B-2020-1536	CASA-20-199002	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.308	1.8	7.76	—	pCi/L	Y	U	U	N3B-2020-1536	CASA-20-199019	GELC
R-12 S2	504.5	07/23/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.289	1.1	4.49	—	pCi/L	Y	U	U	N3B-2021-2147	CASA-21-231072	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.386	1.4	5.23	—	pCi/L	Y	U	U	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	193	—	—	1	µS/cm	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	182	—	—	1	µS/cm	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	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	188	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1536	CASA-20-199003	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	190	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1536	CASA-20-199008	GELC
R-12 S2	504.5	07/23/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	182	—	—	1	µS/cm	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	188	—	—	1	µS/cm	Y	—	NQ	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	77.2	—	—	1	µg/L	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	69.5	—	—	1	µg/L	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	—	—	1	µg/L	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	76.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-1536	CASA-20-199003	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	77.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-1536	CASA-20-199008	GELC
R-12 S2	504.5	07/23/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	77	—	—	1	µg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	73.7	—	—	1	µg/L	Y	—	NQ	N3B-2022-2316	CASA-22-252064	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	0.49	—	pCi/L	Y	U	U	2017-2169	CASA-17-142037	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	0.497	—	pCi/L	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	0.475	—	pCi/L	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.228	0.126	0.491	—	pCi/L	Y	U	U	N3B-2020-1536	CASA-20-199002	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.192	0.145	0.485	—	pCi/L	Y	U	U	N3B-2020-1536	CASA-20-199019	GELC
R-12 S2	504.5	07/23/2021	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.163	0.124	0.481	—	pCi/L	Y	U	U	N3B-2021-2147	CASA-21-231072	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.341	0.114	0.356	—	pCi/L	Y	U	UJ	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.34	—	—	0.133	mg/L	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.27	—	—	0.133	mg/L	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	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1536	CASA-20-199003	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.6	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1536	CASA-20-199008	GELC
R-12 S2	504.5	07/23/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.61	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.43	—	—	0.133	mg/L	Y	—	J+	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	—	3.4	mg/L	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	169	—	—	3.4	mg/L	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	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	3.4	mg/L	Y	—	J+	N3B-2020-1536	CASA-20-199003	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	—	3.4	mg/L	Y	—	J+	N3B-2020-1536	CASA-20-199008	GELC
R-12 S2	504.5	07/23/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	161	—	—	3.4	mg/L	Y	—	J+	N3B-2022-2316	CASA-22-252064	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	2.442	—	pCi/L	Y	U	U	2017-2314	CASA-17-142037	ARSL
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	3.147	—	pCi/L	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	2.566	—	pCi/L	Y	—	NQ	N3B-2019-2777	CASA-19-182771	ARSL
R-12 S2	504.5	08/07/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	28.924	4.513	2.825	—	pCi/L	Y	—	NQ	N3B-2020-1547	CASA-20-199002	ARSL
R-12 S2	504.5	08/07/2020	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	26.607	4.193	3.043	—	pCi/L	Y	—	NQ	N3B-2020-1547	CASA-20-199019	ARSL
R-12 S2	504.5	07/23/2021	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	23.716	3.736	2.703	—	pCi/L	Y	Q	J-	N3B-2021-2175	CASA-21-231072	ARSL
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	24.383	3.851	2.861	—	pCi/L	Y	—	J	N3B-2022-2346	CASA-22-252063	ARSL
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.538	—	—	0.067	µg/L	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.597	—	—	0.067	µg/L	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	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.492	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1536	CASA-20-199003	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	0.513	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1536	CASA-20-199008	GELC
R-12 S2	504.5	07/23/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.513	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.494	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-2316	CASA-22-252064	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	0.0631	—	pCi/L	Y	—	NQ	2017-2169	CASA-17-142037	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	0.0793	—	pCi/L	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	0.0883	—	pCi/L	Y	—	NQ	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.339	0.0509	0.0955	—	pCi/L	Y	—	NQ	N3B-2020-1536	CASA-20-199002	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.402	0.0498	0.0899	—	pCi/L	Y	—	NQ	N3B-2020-1536	CASA-20-199019	GELC
R-12 S2	504.5	07/23/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.307	0.0373	0.0852	—	pCi/L	Y	—	NQ	N3B-2021-2147	CASA-21-231072	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.356	0.035	0.0412	—	pCi/L	Y	—	NQ	N3B-2022-2316	CASA-22-252063	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	0.0534	—	pCi/L	Y	—	NQ	2017-2169	CASA-17-142037	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	0.0669	—	pCi/L	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	0.0745	—	pCi/L	Y	U	U	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.000219	0.0175	0.0746	—	pCi/L	Y	U	U	N3B-2020-1536	CASA-20-199002	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.017	0.0168	0.0702	—	pCi/L	Y	U	U	N3B-2020-1536	CASA-20-199019	GELC
R-12 S2	504.5	07/23/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0248	0.0143	0.0637	—	pCi/L	Y	U	U	N3B-2021-2147	CASA-21-231072	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0314	0.0104	0.0428	—	pCi/L	Y	U	UJ	N3B-2022-2316	CASA-22-252063	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	0.0522	—	pCi/L	Y	—	J	2017-2169	CASA-17-142037	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	0.0633	—	pCi/L	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	0.0704	—	pCi/L	Y	—	NQ	N3B-2019-2656	CASA-19-182771	GELC
R-12 S2	504.5	08/07/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.179	0.038	0.087	—	pCi/L	Y	—	NQ	N3B-2020-1536	CASA-20-199002	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-12 S2	504.5	08/07/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.194	0.0348	0.0818	—	pCi/L	Y	—	NQ	N3B-2020-1536	CASA-20-199019	GELC
R-12 S2	504.5	07/23/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.184	0.0257	0.0838	—	pCi/L	Y	—	NQ	N3B-2021-2147	CASA-21-231072	GELC
R-12 S2	504.5	07/15/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.141	0.0216	0.0473	—	pCi/L	Y	—	NQ	N3B-2022-2316	CASA-22-252063	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.51	—	—	1	µg/L	Y	J	J	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.26	—	—	1	µg/L	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	—	—	1	µg/L	Y	J	J	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.92	—	—	1	µg/L	Y	J	J	N3B-2020-1536	CASA-20-199003	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.02	—	—	1	µg/L	Y	J	J	N3B-2020-1536	CASA-20-199008	GELC
R-12 S2	504.5	07/23/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.31	—	—	1	µg/L	Y	J	J	N3B-2021-2147	CASA-21-231073	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	3.37	—	—	1	µg/L	Y	J	J	N3B-2022-2316	CASA-22-252064	GELC
R-12 S2	504.5	07/27/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	07/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	6.7	—	—	3.3	µg/L	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	—	—	3.3	µg/L	Y	J	U	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	5.42	—	—	3.3	µg/L	Y	J	U	N3B-2020-1536	CASA-20-199003	GELC
R-12 S2	504.5	08/07/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	4.66	—	—	3.3	µg/L	Y	J	U	N3B-2020-1536	CASA-20-199008	GELC
R-12 S2	504.5	07/23/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2021-2147	CASA-21-231073	GELC
R-12 S2	504.5	07/15/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	7.78	—	—	3.3	µg/L	Y	J	J	N3B-2022-2316	CASA-22-252064	GELC
R-16 S2	863.4	07/27/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.28	—	—	0.01	SU	Y	H	NQ	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.4	—	—	0.01	SU	Y	H	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	08/19/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.34	—	—	0.01	SU	Y	H	NQ	N3B-2020-1588	CAMO-20-198972	GELC
R-16 S2	863.4	07/28/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.44	—	—	0.01	SU	Y	H	J	N3B-2021-2169	CAMO-21-231040	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.4	—	—	0.01	SU	Y	H	J	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/27/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.6	—	—	1.45	mg/L	Y	J	J	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	08/19/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2020-1588	CAMO-20-198972	GELC
R-16 S2	863.4	07/28/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	2.81	—	—	1.45	mg/L	Y	J	J	N3B-2021-2169	CAMO-21-231040	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.6	—	—	1.45	mg/L	Y	J	J	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/27/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.5	—	—	1.45	mg/L	Y	—	NQ	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	08/19/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198972	GELC
R-16 S2	863.4	07/28/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	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	0.0515	—	pCi/L	Y	U	U	N3B-2018-3246	CAMO-18-159846	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	0.0368	—	pCi/L	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	08/19/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0192	0.0113	0.0484	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198971	GELC
R-16 S2	863.4	07/28/2021	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0168	0.00887	0.0595	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231039	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0102	0.0102	0.0455	—	pCi/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	5.07	—	—	2	µg/L	Y	—	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.78	—	—	2	µg/L	Y	J	J	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	5.17	—	—	2	µg/L	Y	—	U	N3B-2020-1588	CAMO-20-198972	GELC
R-16 S2	863.4	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.89	—	—	2	µg/L	Y	J	J	N3B-2021-2169	CAMO-21-231040	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.89	—	—	2	µg/L	Y	J	J	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	19	—	—	1	µg/L	Y	—	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	19.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198972	GELC
R-16 S2	863.4	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	18.3	—	—	1	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	19.5	—	—	1	µg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	08/19/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	10.6	—	—	3.19	µg/L	Y	U	U	2015-2208	CAMO-15-102576	GELC
R-16 S2	863.4	08/04/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	10.4	—	—	3.13	µg/L	Y	U	U	2016-1934	CAMO-16-124264	GELC
R-16 S2	863.4	07/27/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6	—	—	6	µg/L	Y	U	U	N3B-2018-3246	CAMO-18-159846	GELC
R-16 S2	863.4	08/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6	—	—	6	µg/L	Y	U	U	N3B-2020-1588	CAMO-20-198971	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	Y	9.47	—	—	6	µg/L	Y	J	J	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	20	—	—	15	µg/L	Y	J	J	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	20.2	—	—	15	µg/L	Y	J	J	N3B-2020-1588	CAMO-20-198972	GELC
R-16 S2	863.4	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	20.7	—	—	15	µg/L	Y	J	J	N3B-2021-2169	CAMO-21-231040	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	20.5	—	—	15	µg/L	Y	J	J	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198972	GELC
R-16 S2	863.4	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	18.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	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	4.06	—	pCi/L	Y	U	U	N3B-2018-3246	CAMO-18-159846	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	6.69	—	pCi/L	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	08/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.873	1.51	4.74	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198971	GELC
R-16 S2	863.4	07/28/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.655	1.61	6.58	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231039	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.49	1.48	4.72	—	pCi/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/27/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.72	—	—	0.067	mg/L	Y	—	NQ	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.78	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	08/19/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.59	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198972	GELC
R-16 S2	863.4	07/28/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.99	—	—	0.067	mg/L	Y	—	J+	N3B-2021-2169	CAMO-21-231040	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.65	—	—	0.067	mg/L	Y	—	J-	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.06	—	—	3	µg/L	Y	J	J	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.26	—	—	3	µg/L	Y	J	J	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.47	—	—	3	µg/L	Y	J	J	N3B-2020-1588	CAMO-20-198972	GELC
R-16 S2	863.4	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	—	—	3	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231040	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.26	—	—	3	µg/L	Y	J	J	N3B-2022-2331	CAMO-22-252072	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	3.55	—	pCi/L	Y	U	U	N3B-2018-3246	CAMO-18-159846	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	6.21	—	pCi/L	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	08/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0308	1.21	4.71	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198971	GELC
R-16 S2	863.4	07/28/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.22	1.81	8.71	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231039	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.324	1.34	5.15	—	pCi/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/27/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.301	—	—	0.033	mg/L	Y	—	NQ	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.346	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	08/19/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.348	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198972	GELC
R-16 S2	863.4	07/28/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.416	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.475	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/27/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.97	0.934	2.73	—	pCi/L	Y	U	U	N3B-2018-3246	CAMO-18-159846	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.04	0.729	2.46	—	pCi/L	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	08/19/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.922	0.702	2.43	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198971	GELC
R-16 S2	863.4	07/28/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.06	0.693	2.26	—	pCi/L	Y	U	UJ	N3B-2021-2169	CAMO-21-231039	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.2	0.806	2.68	—	pCi/L	Y	U	UJ	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/27/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.76	0.739	1.96	—	pCi/L	Y	—	NQ	N3B-2018-3246	CAMO-18-159846	GELC
R-16 S2	863.4	07/10/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.77	0.729	2.23	—	pCi/L	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	08/19/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.27	0.866	2.72	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198971	GELC
R-16 S2	863.4	07/28/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.73	0.87	2.68	—	pCi/L	Y	—	J	N3B-2021-2169	CAMO-21-231039	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	3.87	1	2.87	—	pCi/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	53.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	08/19/2020	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	55.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198972	GELC
R-16 S2	863.4	07/28/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	53.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	54.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	1.69	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	1.88	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	1.81	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198972	GELC
R-16 S2	863.4	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	1.93	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	1.85	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.66	—	—	2	µg/L	Y	J	J	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.93	—	—	2	µg/L	Y	J	J	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	3.25	—	—	2	µg/L	Y	J	J	N3B-2020-1588	CAMO-20-198972	GELC
R-16 S2	863.4	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	2.06	—	—	2	µg/L	Y	J	J	N3B-2021-2169	CAMO-21-231040	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	Y	2.13	—	—	2	µg/L	Y	J	J	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.2	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.17	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.2	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198972	GELC
R-16 S2	863.4	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.2	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.15	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	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	6.46	—	pCi/L	Y	U	U	N3B-2018-3246	CAMO-18-159846	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	11	—	pCi/L	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	08/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-5.27	2.8	9.27	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198971	GELC
R-16 S2	863.4	07/28/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.36	3.59	11.7	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231039	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.3	2.21	7.91	—	pCi/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16 S2	863.4	07/27/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.503	—	—	0.017	mg/L	Y	—	NQ	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.454	—	—	0.017	mg/L	Y	—	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	08/19/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	1	—	—	0.017	mg/L	Y	—	U	N3B-2020-1588	CAMO-20-198972	GELC
R-16 S2	863.4	07/28/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.467	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.475	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/27/2017	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.425	—	—	0.05	µg/L	Y	—	NQ	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.422	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	08/19/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	N	0.558	—	—	0.05	µg/L	Y	—	U	N3B-2020-1588	CAMO-20-198972	GELC
R-16 S2	863.4	07/28/2021	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.405	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.375	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	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	0.0485	—	pCi/L	Y	U	U	N3B-2018-3246	CAMO-18-159846	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	0.0409	—	pCi/L	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	08/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0227	0.0145	0.0524	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198971	GELC
R-16 S2	863.4	07/28/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0156	0.0215	0.123	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231039	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00796	0.0069	0.0407	—	pCi/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	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	0.0768	—	pCi/L	Y	U	U	N3B-2018-3246	CAMO-18-159846	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	0.0447	—	pCi/L	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	08/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00568	0.0106	0.0526	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198971	GELC
R-16 S2	863.4	07/28/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0312	0.0208	0.127	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231039	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0139	0.00717	0.0358	—	pCi/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.75	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.15	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.74	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198972	GELC
R-16 S2	863.4	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.79	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.92	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	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	38.8	—	pCi/L	Y	U	U	N3B-2018-3246	CAMO-18-159846	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	68	—	pCi/L	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	08/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	24.5	22.8	45.2	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198971	GELC
R-16 S2	863.4	07/28/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	26.2	30.5	123	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231039	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-37.9	19.9	57.5	—	pCi/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	10/13/2004	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	2.5	4.36	6.63	—	pCi/L	Y	U	U	123850	GU0409G16R201	GELC
R-16 S2	863.4	12/02/2004	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	Y	23.8	5.29	8.87	—	pCi/L	Y	—	R	126750	GU0411G16R201	GELC
R-16 S2	863.4	08/19/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.133	0.0626	0.169	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198971	GELC
R-16 S2	863.4	07/28/2021	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.827	0.174	0.305	—	pCi/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231039	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.717	0.164	0.229	—	pCi/L	Y	—	J+	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	08/19/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.316	0.155	—	—	pCi/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198971	GELC
R-16 S2	863.4	07/28/2021	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.959	0.23	—	—	pCi/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231039	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	1.1	0.3	—	—	pCi/L	Y	J	J	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	08/19/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.183	0.142	0.485	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198971	GELC
R-16 S2	863.4	07/28/2021	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.132	0.15	0.514	—	pCi/L	Y	U	UJ	N3B-2021-2169	CAMO-21-231039	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.382	0.251	0.82	—	pCi/L	Y	U	UJ	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	51.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	52.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198972	GELC
R-16 S2	863.4	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	51.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	56.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198972	GELC
R-16 S2	863.4	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	13.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	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	4.21	—	pCi/L	Y	U	U	N3B-2018-3246	CAMO-18-159846	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	6.06	—	pCi/L	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	08/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.13	1.37	5.35	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198971	GELC
R-16 S2	863.4	07/28/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.655	1.25	6.2	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231039	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.224	1.3	4.74	—	pCi/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/27/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	183	—	—	1	µS/cm	Y	—	NQ	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	171	—	—	1	µS/cm	Y	—	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	08/19/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	165	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1588	CAMO-20-198972	GELC
R-16 S2	863.4	07/28/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	180	—	—	1	µS/cm	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	177	—	—	1	µS/cm	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	185	—	—	1	µg/L	Y	—	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	211	—	—	1	µg/L	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	174	—	—	1	µg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198972	GELC
R-16 S2	863.4	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	199	—	—	1	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	200	—	—	1	µg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	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	0.46	—	pCi/L	Y	U	U	N3B-2018-3246	CAMO-18-159846	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	0.227	—	pCi/L	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	08/19/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0822	0.0636	0.229	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198971	GELC
R-16 S2	863.4	07/28/2021	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0601	0.129	0.438	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231039	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0853	0.11	0.38	—	pCi/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/27/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.98	—	—	0.133	mg/L	Y	—	NQ	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.12	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	08/19/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.75	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198972	GELC
R-16 S2	863.4	07/28/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.27	—	—	0.133	mg/L	Y	—	J+	N3B-2021-2169	CAMO-21-231040	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.69	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/27/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	—	3.4	mg/L	Y	—	NQ	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	124	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	08/19/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	206	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198972	GELC
R-16 S2	863.4	07/28/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	127	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/27/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0384	—	—	0.02	mg/L	Y	J	J	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0447	—	—	0.02	mg/L	Y	J	U	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	08/19/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2020-1588	CAMO-20-198972	GELC
R-16 S2	863.4	07/28/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0214	—	—	0.02	mg/L	Y	J	J	N3B-2021-2169	CAMO-21-231040	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0926	—	—	0.02	mg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	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	2.574	—	pCi/L	Y	—	J-	N3B-2018-3294	CAMO-18-159846	ARSL
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	3.112	—	pCi/L	Y	U*	UJ	N3B-2019-2463	CAMO-19-182831	ARSL
R-16 S2	863.4	08/19/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.74	0.95	2.991	—	pCi/L	Y	UQ	UJ	N3B-2020-1592	CAMO-20-198971	ARSL
R-16 S2	863.4	07/28/2021	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.207	0.917	3.09	—	pCi/L	Y	UQ	UJ	N3B-2021-2175	CAMO-21-231039	ARSL
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.38	0.837	2.663	—	pCi/L	Y	U	UJ	N3B-2022-2346	CAMO-22-252071	ARSL
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.07	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.12	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.981	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198972	GELC
R-16 S2	863.4	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.917	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.954	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	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	0.137	—	pCi/L	Y	—	NQ	N3B-2018-3246	CAMO-18-159846	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	0.105	—	pCi/L	Y	—	J	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	08/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.595	0.0536	0.0749	—	pCi/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198971	GELC
R-16 S2	863.4	07/28/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.525	0.0393	0.0675	—	pCi/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231039	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.52	0.0474	0.0453	—	pCi/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252071	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	0.13	—	pCi/L	Y	U	U	N3B-2018-3246	CAMO-18-159846	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	0.0884	—	pCi/L	Y	U	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	08/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0331	0.0192	0.0582	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198971	GELC
R-16 S2	863.4	07/28/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0327	0.0122	0.0505	—	pCi/L	Y	U	UJ	N3B-2021-2169	CAMO-21-231039	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0126	0.0109	0.0471	—	pCi/L	Y	U	U	N3B-2022-2331	CAMO-22-252071	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	0.0946	—	pCi/L	Y	—	NQ	N3B-2018-3246	CAMO-18-159846	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	0.0836	—	pCi/L	Y	—	NQ	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	08/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.42	0.0443	0.0681	—	pCi/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198971	GELC
R-16 S2	863.4	07/28/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.347	0.0312	0.0664	—	pCi/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231039	GELC
R-16 S2	863.4	07/19/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.366	0.0364	0.0521	—	pCi/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252071	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	13.4	—	—	1	µg/L	Y	—	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	15.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	13.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198972	GELC
R-16 S2	863.4	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	14.1	—	—	1	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	13.5	—	—	1	µg/L	Y	—	NQ	N3B-2022-2331	CAMO-22-252072	GELC
R-16 S2	863.4	07/27/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	5.19	—	—	3.3	µg/L	Y	J	J	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	07/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	8.31	—	—	3.3	µg/L	Y	J	U	N3B-2019-2459	CAMO-19-182830	GELC
R-16 S2	863.4	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	7.22	—	—	3.3	µg/L	Y	J	U	N3B-2020-1588	CAMO-20-198972	GELC
R-16 S2	863.4	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231040	GELC
R-16 S2	863.4	07/19/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	4.98	—	—	3.3	µg/L	Y	J	J	N3B-2022-2331	CAMO-22-252072	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	—	—	0.01	SU	Y	H	NQ	N3B-2018-3140	CAMO-18-159848	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
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	—	—	0.01	SU	Y	H	NQ	N3B-2018-3140	CAMO-18-159850	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	—	—	0.01	SU	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	—	—	0.01	SU	Y	H	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.27	—	—	0.01	SU	Y	H	NQ	N3B-2020-1588	CAMO-20-198976	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.4	—	—	0.01	SU	Y	H	NQ	N3B-2020-1588	CAMO-20-198978	GELC
R-16 S4	1237.0	07/28/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.44	—	—	0.01	SU	Y	H	J	N3B-2021-2169	CAMO-21-231042	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.36	—	—	0.01	SU	Y	H	J	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	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	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2018-3140	CAMO-18-159850	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	—	—	1.45	mg/L	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	—	—	1.45	mg/L	Y	U	U	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2020-1588	CAMO-20-198976	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2020-1588	CAMO-20-198978	GELC
R-16 S4	1237.0	07/28/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	2.41	—	—	1.45	mg/L	Y	J	J	N3B-2021-2169	CAMO-21-231042	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.6	—	—	1.45	mg/L	Y	J	J	N3B-2022-2369	CAMO-22-252017	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	—	—	1.45	mg/L	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	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	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	—	—	1.45	mg/L	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	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198976	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198978	GELC
R-16 S4	1237.0	07/28/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	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	0.0442	—	pCi/L	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	0.0457	—	pCi/L	Y	U	U	N3B-2018-3140	CAMO-18-159908	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	0.0271	—	pCi/L	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	0.0293	—	pCi/L	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00622	0.00803	0.0366	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198975	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00898	0.00898	0.0397	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198977	GELC
R-16 S4	1237.0	07/28/2021	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00309	0.0111	0.0548	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231041	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0154	0.00961	0.0511	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0381	—	—	0.017	mg/L	Y	J	U	N3B-2018-3140	CAMO-18-159848	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0232	—	—	0.017	mg/L	Y	J	U	N3B-2018-3140	CAMO-18-159850	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	—	—	0.017	mg/L	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	—	—	0.017	mg/L	Y	—	U	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.192	—	—	0.017	mg/L	Y	—	U	N3B-2020-1588	CAMO-20-198976	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.13	—	—	0.017	mg/L	Y	—	U	N3B-2020-1588	CAMO-20-198978	GELC
R-16 S4	1237.0	07/28/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0483	—	—	0.017	mg/L	Y	J	J	N3B-2021-2169	CAMO-21-231042	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0214	—	—	0.017	mg/L	Y	J	J	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.62	—	—	2	µg/L	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	—	—	2	µg/L	Y	J	J	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	5.15	—	—	2	µg/L	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	—	—	2	µg/L	Y	J	J	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	5.54	—	—	2	µg/L	Y	—	U	N3B-2020-1588	CAMO-20-198976	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	N	5.14	—	—	2	µg/L	Y	—	U	N3B-2020-1588	CAMO-20-198978	GELC
R-16 S4	1237.0	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	4.45	—	—	2	µg/L	Y	J	J	N3B-2021-2169	CAMO-21-231042	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	4.94	—	—	2	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	57.4	—	—	1	µg/L	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	—	—	1	µg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	53.7	—	—	1	µg/L	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	—	—	1	µg/L	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	58.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198976	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	57.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198978	GELC
R-16 S4	1237.0	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	61.8	—	—	1	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	61.5	—	—	1	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	08/19/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	10.6	—	—	3.19	µg/L	Y	U	U	2015-2208	CAMO-15-102577	GELC
R-16 S4	1237.0	08/19/2015	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	10.4	—	—	3.13	µg/L	Y	U	U	2015-2208	CAMO-15-102557	GELC
R-16 S4	1237.0	08/04/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	10.4	—	—	3.13	µg/L	Y	U	U	2016-1931	CAMO-16-124265	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6	—	—	6	µg/L	Y	U	U	N3B-2018-3140	CAMO-18-159851	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.19	—	—	6.19	µg/L	Y	U	U	N3B-2018-3140	CAMO-18-159908	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	11.6	—	—	5.81	µg/L	Y	J	J	N3B-2020-1588	CAMO-20-198975	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	5.93	—	—	5.93	µg/L	Y	U	U	N3B-2020-1588	CAMO-20-198977	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	Y	11.2	—	—	6.07	µg/L	Y	J	J-	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	26.3	—	—	15	µg/L	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	—	—	15	µg/L	Y	J	J	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	25.7	—	—	15	µg/L	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	—	—	15	µg/L	Y	J	J	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	28.4	—	—	15	µg/L	Y	J	J	N3B-2020-1588	CAMO-20-198976	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	29.6	—	—	15	µg/L	Y	J	J	N3B-2020-1588	CAMO-20-198978	GELC
R-16 S4	1237.0	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	29	—	—	15	µg/L	Y	J	J	N3B-2021-2169	CAMO-21-231042	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	34	—	—	15	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.7	—	—	0.05	mg/L	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	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.2	—	—	0.05	mg/L	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	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198976	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198978	GELC
R-16 S4	1237.0	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	19.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	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	3.41	—	pCi/L	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	2.91	—	pCi/L	Y	U	U	N3B-2018-3140	CAMO-18-159908	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	3.22	—	pCi/L	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	3.15	—	pCi/L	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.203	1.56	5.01	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198975	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.458	1.4	4.75	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198977	GELC
R-16 S4	1237.0	07/28/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.737	1.52	4.99	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231041	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.949	1.57	4.9	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.4	—	—	0.067	mg/L	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	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.28	—	—	0.067	mg/L	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	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.36	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198976	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.45	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198978	GELC
R-16 S4	1237.0	07/28/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.6	—	—	0.067	mg/L	Y	—	J+	N3B-2021-2169	CAMO-21-231042	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.55	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2018-3140	CAMO-18-159848	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	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	—	—	1	µg/L	Y	U	U	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-1588	CAMO-20-198976	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-1588	CAMO-20-198978	GELC
R-16 S4	1237.0	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231042	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	Y	1.04	—	—	1	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252017	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	3.47	—	pCi/L	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	3.21	—	pCi/L	Y	U	U	N3B-2018-3140	CAMO-18-159908	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	3.84	—	pCi/L	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	3.6	—	pCi/L	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.732	1.22	5.02	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198975	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.98	1.52	5.56	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198977	GELC
R-16 S4	1237.0	07/28/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.61	1.63	4.73	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231041	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.29	1.07	3.42	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.415	—	—	0.033	mg/L	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	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.481	—	—	0.033	mg/L	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	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.387	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198976	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.4	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198978	GELC
R-16 S4	1237.0	07/28/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.453	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.368	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	Y	2.99	0.887	2.25	—	pCi/L	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	2.75	—	pCi/L	Y	U	U	N3B-2018-3140	CAMO-18-159908	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.803	0.787	2.87	—	pCi/L	Y	U	U	N3B-2019-2656	CAMO-19-182845	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	2.33	0.969	2.76	—	pCi/L	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.39	0.777	2.41	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198975	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.17	0.816	2.75	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198977	GELC
R-16 S4	1237.0	07/28/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.04	0.823	2.81	—	pCi/L	Y	U	UJ	N3B-2021-2169	CAMO-21-231041	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.02	0.814	2.83	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/20/2018	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	4.1	1.02	2.88	—	pCi/L	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	2.21	—	pCi/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159908	GELC
R-16 S4	1237.0	07/25/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.34	0.78	2.3	—	pCi/L	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	2.17	—	pCi/L	Y	—	NQ	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.67	0.888	2.75	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198975	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	2.98	0.861	2.58	—	pCi/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198977	GELC
R-16 S4	1237.0	07/28/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.08	0.776	2.29	—	pCi/L	Y	—	J	N3B-2021-2169	CAMO-21-231041	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	2.63	0.884	2.65	—	pCi/L	Y	U	UJ	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	53.4	—	—	0.453	mg/L	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	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49.5	—	—	0.453	mg/L	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	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	55.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198976	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	54.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198978	GELC
R-16 S4	1237.0	07/28/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	52.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	52	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	1.03	—	—	0.11	mg/L	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	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	0.966	—	—	0.11	mg/L	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	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	1.06	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198976	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	1.04	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198978	GELC
R-16 S4	1237.0	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	1.07	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	0.94	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	53.1	—	—	2	µg/L	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	—	—	2	µg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	45.2	—	—	2	µg/L	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	—	—	2	µg/L	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	44.1	—	—	2	µg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198976	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	Y	42.8	—	—	2	µg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198978	GELC
R-16 S4	1237.0	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	37.2	—	—	2	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	Y	36.5	—	—	2	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.47	—	—	0.2	µg/L	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	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.49	—	—	0.2	µg/L	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	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.65	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198976	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.57	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198978	GELC
R-16 S4	1237.0	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.69	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.6	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	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	5.52	—	pCi/L	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	7.12	—	pCi/L	Y	U	U	N3B-2018-3140	CAMO-18-159908	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	7.06	—	pCi/L	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	7.68	—	pCi/L	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.19	2.52	8.81	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198975	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.736	2.48	9.25	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198977	GELC
R-16 S4	1237.0	07/28/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.39	2.46	9.46	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231041	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.48	1.83	6.49	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	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	—	—	0.085	mg/L	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	—	—	0.085	mg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	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	—	—	0.017	mg/L	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	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.89	—	—	0.017	mg/L	Y	—	U	N3B-2020-1588	CAMO-20-198976	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.403	—	—	0.017	mg/L	Y	—	U	N3B-2020-1588	CAMO-20-198978	GELC
R-16 S4	1237.0	07/28/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.429	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.399	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.359	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159848	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.387	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.363	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.372	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	N	0.05	—	—	0.05	µg/L	Y	U	U	N3B-2020-1588	CAMO-20-198976	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	N	0.517	—	—	0.05	µg/L	Y	—	U	N3B-2020-1588	CAMO-20-198978	GELC
R-16 S4	1237.0	07/28/2021	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.269	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.325	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	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	0.028	—	pCi/L	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	0.0252	—	pCi/L	Y	U	U	N3B-2018-3140	CAMO-18-159908	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	0.0388	—	pCi/L	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	0.0361	—	pCi/L	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0136	0.0144	0.0626	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198975	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0276	0.0117	0.051	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198977	GELC
R-16 S4	1237.0	07/28/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0146	0.0109	0.0572	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231041	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0104	0.00974	0.0487	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	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	0.0449	—	pCi/L	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	0.0398	—	pCi/L	Y	U	U	N3B-2018-3140	CAMO-18-159908	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	0.0424	—	pCi/L	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	0.0395	—	pCi/L	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.017	0.0148	0.0628	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198975	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00829	0.00996	0.0512	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198977	GELC
R-16 S4	1237.0	07/28/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0121	0.0126	0.0595	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231041	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0026	0.0119	0.0506	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.92	—	—	0.05	mg/L	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	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.72	—	—	0.05	mg/L	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	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.89	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198976	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	2.79	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198978	GELC
R-16 S4	1237.0	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.87	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	3.15	—	—	0.05	mg/L	Y	—	J+	N3B-2022-2369	CAMO-22-252017	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	27.7	—	pCi/L	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	30.2	—	pCi/L	Y	U	U	N3B-2018-3140	CAMO-18-159908	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	48	—	pCi/L	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	46.5	—	pCi/L	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.3	17.3	70.6	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198975	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	39.3	17	41.1	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198977	GELC
R-16 S4	1237.0	07/28/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-19.9	17.3	66.6	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231041	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-35.4	20.2	56.1	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	10/15/2004	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	2.61	1.95	7.31	—	pCi/L	Y	U	U	123956	GU0410G16R401	GELC
R-16 S4	1237.0	12/07/2004	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	Y	17.3	3.71	5.86	—	pCi/L	Y	—	R	127186	GU0411G16R401	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.246	0.0768	0.157	—	pCi/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198975	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.292	0.0884	0.2	—	pCi/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198977	GELC
R-16 S4	1237.0	07/28/2021	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.525	0.142	0.296	—	pCi/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231041	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.894	0.191	0.306	—	pCi/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.497	0.198	—	—	pCi/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198975	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	FD	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.507	0.201	—	—	pCi/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198977	GELC
R-16 S4	1237.0	07/28/2021	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.596	0.246	—	—	pCi/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231041	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	1.07	0.3	—	—	pCi/L	Y	J	J	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.25	0.182	0.613	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198975	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.215	0.18	0.613	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198977	GELC
R-16 S4	1237.0	07/28/2021	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.071	0.201	0.747	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231041	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.173	0.231	0.821	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	43.1	—	—	0.053	mg/L	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	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	40.7	—	—	0.053	mg/L	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	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	43.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198976	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	42.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198978	GELC
R-16 S4	1237.0	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	42.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	45.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.4	—	—	0.1	mg/L	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	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.6	—	—	0.1	mg/L	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	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198976	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198978	GELC
R-16 S4	1237.0	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	16.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	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	2.91	—	pCi/L	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	3.27	—	pCi/L	Y	U	U	N3B-2018-3140	CAMO-18-159908	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	3.89	—	pCi/L	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	3.46	—	pCi/L	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.806	1.27	4.79	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198975	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.794	1.08	4.03	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198977	GELC
R-16 S4	1237.0	07/28/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.51	1.25	4.41	—	pCi/L	Y	U	UJ	N3B-2021-2169	CAMO-21-231041	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.284	1.07	3.55	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	176	—	—	1	µS/cm	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	—	—	1	µS/cm	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	179	—	—	1	µS/cm	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	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	182	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1588	CAMO-20-198976	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	188	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1588	CAMO-20-198978	GELC
R-16 S4	1237.0	07/28/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	189	—	—	1	µS/cm	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	185	—	—	1	µS/cm	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	227	—	—	1	µg/L	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	—	—	1	µg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	211	—	—	1	µg/L	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	—	—	1	µg/L	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	216	—	—	1	µg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198976	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	210	—	—	1	µg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198978	GELC
R-16 S4	1237.0	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	247	—	—	1	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	239	—	—	1	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	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	0.257	—	pCi/L	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	0.416	—	pCi/L	Y	U	U	N3B-2018-3140	CAMO-18-159908	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	0.472	—	pCi/L	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	0.482	—	pCi/L	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0255	0.079	0.27	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198975	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.00409	0.131	0.45	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198977	GELC
R-16 S4	1237.0	07/28/2021	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.112	0.0815	0.27	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231041	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0548	0.0924	0.311	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.57	—	—	0.133	mg/L	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	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.39	—	—	0.133	mg/L	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	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.34	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198976	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.37	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198978	GELC
R-16 S4	1237.0	07/28/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.79	—	—	0.133	mg/L	Y	—	J+	N3B-2021-2169	CAMO-21-231042	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.56	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	129	—	—	3.4	mg/L	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	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	119	—	—	3.4	mg/L	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	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	196	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198976	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	221	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198978	GELC
R-16 S4	1237.0	07/28/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	130	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	124	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	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	—	—	0.33	mg/L	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	—	—	0.33	mg/L	Y	J	J	N3B-2018-3140	CAMO-18-159908	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	—	—	0.33	mg/L	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	—	—	0.33	mg/L	Y	J	J	N3B-2019-2656	CAMO-19-182847	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.533	—	—	0.33	mg/L	Y	J	J	N3B-2020-1588	CAMO-20-198975	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.675	—	—	0.33	mg/L	Y	J	J	N3B-2020-1588	CAMO-20-198977	GELC
R-16 S4	1237.0	07/28/2021	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.585	—	—	0.33	mg/L	Y	J	J	N3B-2021-2169	CAMO-21-231041	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.579	—	—	0.33	mg/L	Y	J	J	N3B-2022-2369	CAMO-22-252016	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	—	—	0.02	mg/L	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	—	—	0.02	mg/L	Y	—	U	N3B-2018-3140	CAMO-18-159850	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	—	—	0.02	mg/L	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	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0932	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198976	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0912	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198978	GELC
R-16 S4	1237.0	07/28/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.113	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0864	—	—	0.02	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	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	2.991	—	pCi/L	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	2.708	—	pCi/L	Y	U	U	N3B-2018-3294	CAMO-18-159908	ARSL
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	3.161	—	pCi/L	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	3.107	—	pCi/L	Y	U	U	N3B-2019-2777	CAMO-19-182847	ARSL
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.308	0.838	2.68	—	pCi/L	Y	UQ	UJ	N3B-2020-1592	CAMO-20-198975	ARSL
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.701	0.97	3.068	—	pCi/L	Y	UQ	UJ	N3B-2020-1592	CAMO-20-198977	ARSL
R-16 S4	1237.0	07/28/2021	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.874	1.03	3.407	—	pCi/L	Y	UQ	UJ	N3B-2021-2175	CAMO-21-231041	ARSL
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.533	0.853	2.843	—	pCi/L	Y	UQ	UJ	N3B-2022-2412	CAMO-22-252016	ARSL
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.22	—	—	0.067	µg/L	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	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.14	—	—	0.067	µg/L	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	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.15	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198976	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	1.11	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198978	GELC
R-16 S4	1237.0	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.14	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.31	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	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	0.153	—	pCi/L	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	0.151	—	pCi/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159908	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	0.12	—	pCi/L	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	0.0883	—	pCi/L	Y	—	NQ	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.555	0.0446	0.0586	—	pCi/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198975	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.709	0.0634	0.0865	—	pCi/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198977	GELC
R-16 S4	1237.0	07/28/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.634	0.0383	0.0565	—	pCi/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231041	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.659	0.0579	0.0829	—	pCi/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252016	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	0.146	—	pCi/L	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	0.144	—	pCi/L	Y	U	U	N3B-2018-3140	CAMO-18-159908	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	0.102	—	pCi/L	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	0.0746	—	pCi/L	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0108	0.0108	0.0455	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198975	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0427	0.0217	0.0672	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198977	GELC
R-16 S4	1237.0	07/28/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0493	0.0122	0.0422	—	pCi/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231041	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0147	0.0116	0.0571	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252016	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	0.106	—	pCi/L	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	0.105	—	pCi/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159908	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	0.0961	—	pCi/L	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	0.0705	—	pCi/L	Y	—	NQ	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.457	0.0401	0.0533	—	pCi/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198975	GELC
R-16 S4	1237.0	08/19/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.408	0.0491	0.0787	—	pCi/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198977	GELC
R-16 S4	1237.0	07/28/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.401	0.0306	0.0556	—	pCi/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231041	GELC
R-16 S4	1237.0	07/21/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.421	0.0417	0.0525	—	pCi/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252016	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	13.6	—	—	1	µg/L	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	—	—	1	µg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	12.6	—	—	1	µg/L	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	—	—	1	µg/L	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	13.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198976	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	13.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198978	GELC
R-16 S4	1237.0	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	14.9	—	—	1	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	14.6	—	—	1	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252017	GELC
R-16 S4	1237.0	07/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	11.5	—	—	3.3	µg/L	Y	—	U	N3B-2018-3140	CAMO-18-159848	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16 S4	1237.0	07/20/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	10.9	—	—	3.3	µg/L	Y	—	U	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/25/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	11.9	—	—	3.3	µg/L	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	—	—	3.3	µg/L	Y	J	U	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	8.93	—	—	3.3	µg/L	Y	J	U	N3B-2020-1588	CAMO-20-198976	GELC
R-16 S4	1237.0	08/19/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	8.21	—	—	3.3	µg/L	Y	J	U	N3B-2020-1588	CAMO-20-198978	GELC
R-16 S4	1237.0	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.46	—	—	3.3	µg/L	Y	J	J	N3B-2021-2169	CAMO-21-231042	GELC
R-16 S4	1237.0	07/21/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	10.2	—	—	3.3	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252017	GELC
R-16r	600.0	07/31/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.27	—	—	0.01	SU	Y	H	NQ	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.28	—	—	0.01	SU	Y	H	NQ	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	08/19/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.3	—	—	0.01	SU	Y	H	NQ	N3B-2020-1588	CAMO-20-198981	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.36	—	—	0.01	SU	Y	H	J	N3B-2021-2169	CAMO-21-231044	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	0.01	SU	Y	H	J	N3B-2021-2169	CAMO-21-231106	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.32	—	—	0.01	SU	Y	H	J	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.31	—	—	0.01	SU	Y	H	J	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/31/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83.9	—	—	1.45	mg/L	Y	—	NQ	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	08/19/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198981	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231044	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231106	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	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	0.0457	—	pCi/L	Y	U	U	N3B-2018-3140	CAMO-18-159854	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	0.0518	—	pCi/L	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	08/19/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0273	0.00996	0.0345	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198980	GELC
R-16r	600.0	07/28/2021	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00598	0.00732	0.0531	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231043	GELC
R-16r	600.0	07/28/2021	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0264	0.014	0.0587	—	pCi/L	Y	U	UJ	N3B-2021-2169	CAMO-21-231105	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00238	0.00533	0.0475	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00862	0.00761	0.0573	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/31/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0176	—	—	0.017	mg/L	Y	J	J	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	—	U	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	08/19/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0848	—	—	0.017	mg/L	Y	—	U	N3B-2020-1588	CAMO-20-198981	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0343	—	—	0.017	mg/L	Y	J	J	N3B-2021-2169	CAMO-21-231044	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0418	—	—	0.017	mg/L	Y	J	J	N3B-2021-2169	CAMO-21-231106	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0513	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0315	—	—	0.017	mg/L	Y	J	J	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.5	—	—	2	µg/L	Y	J	J	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	4	—	—	2	µg/L	Y	J	J	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	5.65	—	—	2	µg/L	Y	—	U	N3B-2020-1588	CAMO-20-198981	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	4.41	—	—	2	µg/L	Y	J	J	N3B-2021-2169	CAMO-21-231044	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	Y	4.38	—	—	2	µg/L	Y	J	J	N3B-2021-2169	CAMO-21-231106	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	5.09	—	—	2	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	Y	5.02	—	—	2	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	62.3	—	—	1	µg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	66.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	62	—	—	1	µg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198981	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	62.5	—	—	1	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231044	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	62.8	—	—	1	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231106	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	58.8	—	—	1	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Barium	Ba	Y	59.8	—	—	1	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	19.7	—	—	15	µg/L	Y	J	J	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	20	—	—	15	µg/L	Y	J	J	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	20.5	—	—	15	µg/L	Y	J	J	N3B-2020-1588	CAMO-20-198981	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	21.9	—	—	15	µg/L	Y	J	J	N3B-2021-2169	CAMO-21-231044	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	22.6	—	—	15	µg/L	Y	J	J	N3B-2021-2169	CAMO-21-231106	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	23.1	—	—	15	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Boron	B	Y	24.2	—	—	15	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198981	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231044	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231106	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	18.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Calcium	Ca	Y	19.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	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	4.52	—	pCi/L	Y	U	U	N3B-2018-3140	CAMO-18-159854	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	5.77	—	pCi/L	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	08/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.99	2.73	4.8	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198980	GELC
R-16r	600.0	07/28/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.94	1.01	4.52	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231043	GELC
R-16r	600.0	07/28/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.25	1.25	3.53	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231105	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.03	1.14	4.37	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.23	1.21	4.75	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/31/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.38	—	—	0.067	mg/L	Y	—	NQ	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.48	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	08/19/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.38	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198981	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.86	—	—	0.067	mg/L	Y	—	J+	N3B-2021-2169	CAMO-21-231044	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.71	—	—	0.067	mg/L	Y	—	J+	N3B-2021-2169	CAMO-21-231106	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.56	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.52	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.4	—	—	3	µg/L	Y	J	J	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.33	—	—	3	µg/L	Y	J	J	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.76	—	—	3	µg/L	Y	J	J	N3B-2020-1588	CAMO-20-198981	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.61	—	—	3	µg/L	Y	J	J	N3B-2021-2169	CAMO-21-231044	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.39	—	—	3	µg/L	Y	J	J	N3B-2021-2169	CAMO-21-231106	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.98	—	—	3	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.6	—	—	3	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-1588	CAMO-20-198981	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231044	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231106	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	Y	1.56	—	—	1	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Cobalt	Co	Y	1.32	—	—	1	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252562	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	4.36	—	pCi/L	Y	U	U	N3B-2018-3140	CAMO-18-159854	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	5.96	—	pCi/L	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	08/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.4	1.79	6.15	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198980	GELC
R-16r	600.0	07/28/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.697	1.17	4.51	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231043	GELC
R-16r	600.0	07/28/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0281	1.16	4.52	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231105	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.59	1.09	3.4	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.89	1.38	6.09	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/31/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.337	—	—	0.033	mg/L	Y	—	NQ	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.416	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	08/19/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.393	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198981	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.465	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231044	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.451	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231106	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.42	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.405	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/20/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	2.34	0.621	1.65	—	pCi/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159854	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.22	0.959	2.76	—	pCi/L	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	08/19/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.71	0.802	2.29	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198980	GELC
R-16r	600.0	07/28/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.691	0.64	2.67	—	pCi/L	Y	U	UJ	N3B-2021-2169	CAMO-21-231043	GELC
R-16r	600.0	07/28/2021	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.39	0.861	2.79	—	pCi/L	Y	U	UJ	N3B-2021-2169	CAMO-21-231105	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.638	0.677	2.59	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.21	0.737	2.36	—	pCi/L	Y	U	UJ	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/20/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.83	0.652	2.06	—	pCi/L	Y	U	U	N3B-2018-3140	CAMO-18-159854	GELC
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.73	0.98	2.76	—	pCi/L	Y	—	NQ	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	08/19/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.2	0.907	2.72	—	pCi/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198980	GELC
R-16r	600.0	07/28/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.13	0.798	2.37	—	pCi/L	Y	—	J	N3B-2021-2169	CAMO-21-231043	GELC
R-16r	600.0	07/28/2021	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.44	0.71	2.3	—	pCi/L	Y	U	UJ	N3B-2021-2169	CAMO-21-231105	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	2.32	0.764	2.21	—	pCi/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	EPA:900.0	Gross beta	GROSSB	N	2.08	0.862	2.68	—	pCi/L	Y	U	UJ	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	54.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	57.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	08/19/2020	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	53.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198981	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16r	600.0	07/28/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	52.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231044	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	52.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231106	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	50.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	51.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	0.789	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	0.825	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	0.804	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198981	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	0.885	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231044	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	0.876	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231106	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	0.789	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	0.795	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.04	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.13	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.08	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198981	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.2	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231044	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.14	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231106	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.15	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.12	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	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	7.61	—	pCi/L	Y	U	U	N3B-2018-3140	CAMO-18-159854	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	9.36	—	pCi/L	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	08/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-6.51	3.75	10.4	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198980	GELC
R-16r	600.0	07/28/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.63	2.3	7.37	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231043	GELC
R-16r	600.0	07/28/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.56	2.32	8.42	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231105	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.93	1.96	6.77	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.84	2.76	10.5	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/31/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.466	—	—	0.017	mg/L	Y	—	NQ	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.52	—	—	0.085	mg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	08/19/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.457	—	—	0.017	mg/L	Y	—	U	N3B-2020-1588	CAMO-20-198981	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.48	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231044	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.48	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231106	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.445	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.437	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/31/2017	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.39	—	—	0.05	µg/L	Y	—	NQ	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.388	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	08/19/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	N	1.35	—	—	0.05	µg/L	Y	—	U	N3B-2020-1588	CAMO-20-198981	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.35	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231044	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.351	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231106	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.343	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.393	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	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	0.0244	—	pCi/L	Y	U	U	N3B-2018-3140	CAMO-18-159854	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	0.0491	—	pCi/L	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	08/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0225	0.0109	0.0462	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198980	GELC
R-16r	600.0	07/28/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0106	0.0118	0.0622	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231043	GELC
R-16r	600.0	07/28/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0143	0.0101	0.0561	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231105	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00415	0.0102	0.0388	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00883	0.00826	0.0413	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	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	0.0386	—	pCi/L	Y	U	U	N3B-2018-3140	CAMO-18-159854	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	0.0536	—	pCi/L	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	08/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0125	0.0135	0.0463	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198980	GELC
R-16r	600.0	07/28/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00264	0.0109	0.0647	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231043	GELC
R-16r	600.0	07/28/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00476	0.013	0.0583	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231105	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00622	0.00803	0.0403	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00662	0.00795	0.0429	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.46	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.22	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198981	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.28	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231044	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	2.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231106	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.33	—	—	0.05	mg/L	Y	—	J+	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Potassium	K	Y	2.42	—	—	0.05	mg/L	Y	—	J+	N3B-2022-2369	CAMO-22-252562	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	60.3	—	pCi/L	Y	U	U	N3B-2018-3140	CAMO-18-159854	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-18.8	18.6	64.5	—	pCi/L	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	08/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-20.6	26.9	96.3	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198980	GELC
R-16r	600.0	07/28/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-21.8	16.2	59.5	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231043	GELC
R-16r	600.0	07/28/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-15.4	15.7	58	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231105	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	3.25	23.7	37.9	—	pCi/L	Y	U	UJ	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	8.3	25.9	60.6	—	pCi/L	Y	U	UJ	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	11/13/2007	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.763	0.24	0.61	—	pCi/L	Y	—	NQ	08-221	CAMO-08-8602	GELC
R-16r	600.0	02/06/2008	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.338	0.13	0.36	—	pCi/L	Y	U	U	08-594	CAMO-08-10461	GELC
R-16r	600.0	08/19/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.103	0.0901	0.317	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198980	GELC
R-16r	600.0	07/28/2021	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.27	0.107	0.258	—	pCi/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231043	GELC
R-16r	600.0	07/28/2021	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	1.13	0.209	0.387	—	pCi/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231105	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.13	0.104	0.361	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.273	0.106	0.232	—	pCi/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	08/19/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.319	0.192	—	—	pCi/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198980	GELC
R-16r	600.0	07/28/2021	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.3	0.207	—	—	pCi/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231043	GELC
R-16r	600.0	07/28/2021	WG	UF	INIT	FD	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	1.16	0.257	—	—	pCi/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231105	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.569	0.284	—	—	pCi/L	Y	U	NQ	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.529	0.315	—	—	pCi/L	Y	J	J	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	11/13/2007	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.575	0.24	0.71	—	pCi/L	Y	U	U	08-221	CAMO-08-8602	GELC
R-16r	600.0	02/06/2008	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	Y	0.576	0.19	0.47	—	pCi/L	Y	—	NQ	08-594	CAMO-08-10461	GELC
R-16r	600.0	08/19/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.215	0.169	0.574	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198980	GELC
R-16r	600.0	07/28/2021	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0302	0.178	0.635	—	pCi/L	Y	U	UJ	N3B-2021-2169	CAMO-21-231043	GELC
R-16r	600.0	07/28/2021	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.0269	0.15	0.534	—	pCi/L	Y	U	UJ	N3B-2021-2169	CAMO-21-231105	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.439	0.265	0.851	—	pCi/L	Y	U	UJ	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.256	0.297	1.01	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	40.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	42.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	40.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198981	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	39.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231044	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	40.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231106	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	41	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	41.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198981	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231044	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231106	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	15.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Sodium	Na	Y	16.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	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	4.6	—	pCi/L	Y	U	U	N3B-2018-3140	CAMO-18-159854	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	5.65	—	pCi/L	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	08/19/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.998	1.85	6.9	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198980	GELC
R-16r	600.0	07/28/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.413	1.29	5.06	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231043	GELC
R-16r	600.0	07/28/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.53	1.08	3.45	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231105	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.376	0.962	3.72	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.627	1.28	4.93	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/31/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	193	—	—	1	µS/cm	Y	—	NQ	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	176	—	—	1	µS/cm	Y	—	NQ	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	08/19/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	187	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1588	CAMO-20-198981	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	189	—	—	1	µS/cm	Y	—	NQ	N3B-2021-2169	CAMO-21-231044	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	189	—	—	1	µS/cm	Y	—	NQ	N3B-2021-2169	CAMO-21-231106	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	185	—	—	1	µS/cm	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	185	—	—	1	µS/cm	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	193	—	—	1	µg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	203	—	—	1	µg/L	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	173	—	—	1	µg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198981	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	201	—	—	1	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231044	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	202	—	—	1	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231106	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	185	—	—	1	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Strontium	Sr	Y	189	—	—	1	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	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	0.267	—	pCi/L	Y	U	U	N3B-2018-3140	CAMO-18-159854	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.202	0.105	0.374	—	pCi/L	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	08/19/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0582	0.143	0.496	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198980	GELC
R-16r	600.0	07/28/2021	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0702	0.136	0.458	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231043	GELC
R-16r	600.0	07/28/2021	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.142	0.0998	0.349	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231105	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.288	0.13	0.402	—	pCi/L	Y	U	UJ	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0659	0.14	0.48	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/31/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.5	—	—	0.133	mg/L	Y	—	NQ	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.57	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	08/19/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.28	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198981	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.87	—	—	0.133	mg/L	Y	—	J+	N3B-2021-2169	CAMO-21-231044	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.88	—	—	0.133	mg/L	Y	—	J+	N3B-2021-2169	CAMO-21-231106	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.56	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.58	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/31/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	111	—	—	3.4	mg/L	Y	—	NQ	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	114	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	08/19/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	201	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198981	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231044	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231106	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	123	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	114	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/31/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0421	—	—	0.02	mg/L	Y	J	J	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0273	—	—	0.02	mg/L	Y	J	U	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	08/19/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2020-1588	CAMO-20-198981	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2021-2169	CAMO-21-231044	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2021-2169	CAMO-21-231106	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0239	—	—	0.02	mg/L	Y	J	J	N3B-2022-2369	CAMO-22-252562	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	2.745	—	pCi/L	Y	U	U	N3B-2018-3294	CAMO-18-159854	ARSL
R-16r	600.0	07/10/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.238	0.974	3.164	—	pCi/L	Y	U*	UJ	N3B-2019-2463	CAMO-19-182849	ARSL
R-16r	600.0	08/19/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.347	0.882	2.829	—	pCi/L	Y	UQ	UJ	N3B-2020-1592	CAMO-20-198980	ARSL
R-16r	600.0	07/28/2021	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.033	0.881	2.98	—	pCi/L	Y	UQ	UJ	N3B-2021-2175	CAMO-21-231043	ARSL
R-16r	600.0	07/28/2021	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.324	0.921	3.124	—	pCi/L	Y	UQ	UJ	N3B-2021-2175	CAMO-21-231105	ARSL
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.399	0.876	2.796	—	pCi/L	Y	UQ	UJ	N3B-2022-2412	CAMO-22-252026	ARSL
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.103	0.827	2.79	—	pCi/L	Y	UQ	UJ	N3B-2022-2412	CAMO-22-252561	ARSL
R-16r	600.0	07/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.14	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.17	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.08	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198981	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.07	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231044	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	1.02	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231106	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.21	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	1.18	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	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	0.162	—	pCi/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159854	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	0.136	—	pCi/L	Y	—	NQ	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	08/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.723	0.055	0.0637	—	pCi/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198980	GELC
R-16r	600.0	07/28/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.209	0.0513	0.136	—	pCi/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231043	GELC
R-16r	600.0	07/28/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.689	0.0424	0.0591	—	pCi/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231105	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.696	0.0629	0.0903	—	pCi/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.65	0.0562	0.0797	—	pCi/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252561	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	0.154	—	pCi/L	Y	U	U	N3B-2018-3140	CAMO-18-159854	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	0.114	—	pCi/L	Y	U	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	08/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0255	0.0142	0.0494	—	pCi/L	Y	U	U	N3B-2020-1588	CAMO-20-198980	GELC
R-16r	600.0	07/28/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0131	0.0161	0.101	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231043	GELC
R-16r	600.0	07/28/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0401	0.0134	0.0442	—	pCi/L	Y	U	UJ	N3B-2021-2169	CAMO-21-231105	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.016	0.0127	0.0622	—	pCi/L	Y	U	U	N3B-2022-2369	CAMO-22-252026	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0282	0.0112	0.0549	—	pCi/L	Y	U	UJ	N3B-2022-2369	CAMO-22-252561	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	0.112	—	pCi/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159854	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	0.108	—	pCi/L	Y	—	NQ	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	08/19/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.36	0.0391	0.0579	—	pCi/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198980	GELC
R-16r	600.0	07/28/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.181	0.0368	0.133	—	pCi/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231043	GELC
R-16r	600.0	07/28/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.398	0.0327	0.0581	—	pCi/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231105	GELC
R-16r	600.0	07/22/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.44	0.0454	0.0572	—	pCi/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252026	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-16r	600.0	07/22/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.391	0.0395	0.0505	—	pCi/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252561	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	14.5	—	—	1	µg/L	Y	—	NQ	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	15.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	14	—	—	1	µg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198981	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	14.8	—	—	1	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231044	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	14.8	—	—	1	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231106	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	13.6	—	—	1	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Vanadium	V	Y	14.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-2369	CAMO-22-252562	GELC
R-16r	600.0	07/20/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	8.47	—	—	3.3	µg/L	Y	J	U	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	07/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10.6	—	—	3.3	µg/L	Y	J	U	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	08/19/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	7.5	—	—	3.3	µg/L	Y	J	U	N3B-2020-1588	CAMO-20-198981	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	5.61	—	—	3.3	µg/L	Y	J	J	N3B-2021-2169	CAMO-21-231044	GELC
R-16r	600.0	07/28/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	5.35	—	—	3.3	µg/L	Y	J	J	N3B-2021-2169	CAMO-21-231106	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	8.06	—	—	3.3	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252027	GELC
R-16r	600.0	07/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Zinc	Zn	Y	7.78	—	—	3.3	µg/L	Y	J	J	N3B-2022-2369	CAMO-22-252562	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.481	—	—	0.481	ug/L	Y	U	UJ	N3B-2021-276	CAPA-21-209095	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.481	—	—	0.481	ug/L	Y	U	U	N3B-2021-276	CAPA-21-209101	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.495	—	—	0.495	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.501	—	—	0.501	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	10/25/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.487	—	—	0.487	ug/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.505	—	—	0.505	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.493	—	—	0.493	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.518	—	—	0.518	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.504	—	—	0.504	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.481	—	—	0.481	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267937	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.481	—	—	0.481	ug/L	Y	U	UJ	N3B-2021-276	CAPA-21-209095	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.481	—	—	0.481	ug/L	Y	U	U	N3B-2021-276	CAPA-21-209101	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.495	—	—	0.495	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.501	—	—	0.501	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	10/25/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.487	—	—	0.487	ug/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.505	—	—	0.505	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.493	—	—	0.493	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.518	—	—	0.518	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.504	—	—	0.504	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.481	—	—	0.481	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267937	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.288	—	—	0.288	ug/L	Y	U	U	N3B-2021-276	CAPA-21-209095	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.288	—	—	0.288	ug/L	Y	U	U	N3B-2021-276	CAPA-21-209101	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.297	—	—	0.297	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	10/25/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.292	—	—	0.292	ug/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.303	—	—	0.303	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.296	—	—	0.296	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.311	—	—	0.311	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.302	—	—	0.302	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.289	—	—	0.289	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267937	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.305	—	—	0.305	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.305	—	—	0.305	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	2.40	—	—	1.74	ug/L	Y	J	J	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	—	—	1.74	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Acetone	67-64-1	Y	2.40	—	—	1.74	ug/L	Y	J	J	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	—	—	1.74	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	—	—	1.74	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	—	—	1.74	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	—	—	8.33	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	—	—	8.33	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	—	—	8.33	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	—	—	8.33	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	—	—	8.33	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	—	—	8.33	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.11	—	—	0.0100	SU	Y	H	J	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.18	—	—	0.0100	SU	Y	H	J	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.95	—	—	0.0100	SU	Y	H	J	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.91	—	—	0.0100	SU	Y	H	J	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.7	—	—	1.45	mg/L	Y		NQ	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.9	—	—	1.45	mg/L	Y		NQ	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.0	—	—	1.45	mg/L	Y		NQ	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.0	—	—	1.45	mg/L	Y		NQ	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68.0	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	—	—	68.0	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Aluminum	Al	N	68.0	—	—	68.0	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Aluminum	Al	N	68.0	—	—	68.0	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00210	0.00962	0.0420	—	pCi/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0152	0.0104	0.0434	—	pCi/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0171	0.00986	0.0479	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00734	0.00735	0.0618	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0769	—	—	0.0769	ug/L	Y	U	U	N3B-2021-276	CAPA-21-209095	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0769	—	—	0.0769	ug/L	Y	U	U	N3B-2021-276	CAPA-21-209101	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0792	—	—	0.0792	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0801	—	—	0.0801	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	10/25/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0779	—	—	0.0779	ug/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0807	—	—	0.0807	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0789	—	—	0.0789	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0828	—	—	0.0828	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0806	—	—	0.0806	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0770	—	—	0.0770	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267937	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0769	—	—	0.0769	ug/L	Y	U	U	N3B-2021-276	CAPA-21-209095	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0769	—	—	0.0769	ug/L	Y	U	U	N3B-2021-276	CAPA-21-209101	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0792	—	—	0.0792	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0801	—	—	0.0801	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	10/25/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0779	—	—	0.0779	ug/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0807	—	—	0.0807	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0789	—	—	0.0789	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0828	—	—	0.0828	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0806	—	—	0.0806	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0770	—	—	0.0770	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267937	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0765	—	—	0.0170	mg/L	Y		J-	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0282	—	—	0.0170	mg/L	Y	J	J-	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0332	—	—	0.0170	mg/L	Y	J	U	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0858	—	—	0.0170	mg/L	Y		U	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.20	—	—	4.20	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.27	—	—	4.27	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.305	—	—	0.305	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.00	—	—	1.00	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221778	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.00	—	—	1.00	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.00	—	—	1.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.00	—	—	1.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	2.00	—	—	2.00	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	N	2.00	—	—	2.00	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	2.00	—	—	2.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	N	2.00	—	—	2.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.1	—	—	1.00	ug/L	Y		NQ	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	40.4	—	—	1.00	ug/L	Y		NQ	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	37.2	—	—	1.00	ug/L	Y		NQ	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Barium	Ba	Y	36.7	—	—	1.00	ug/L	Y		NQ	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.90	—	—	3.90	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.96	—	—	3.96	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.305	—	—	0.305	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.305	—	—	0.305	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.305	—	—	0.305	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.305	—	—	0.305	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.305	—	—	0.305	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	Y	14.2	—	—	6.00	ug/L	Y	J	J	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	Y	15.7	—	—	6.09	ug/L	Y	J	J	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.00	—	—	1.00	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.00	—	—	1.00	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Beryllium	Be	N	1.00	—	—	1.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Beryllium	Be	N	1.00	—	—	1.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.305	—	—	0.305	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	20.4	—	—	15.0	ug/L	Y	J	J	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	18.7	—	—	15.0	ug/L	Y	J	J	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	N	15.0	—	—	15.0	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Boron	B	N	15.0	—	—	15.0	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.0670	—	—	0.0670	mg/L	Y	U	U	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.0670	—	—	0.0670	mg/L	Y	U	U	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.0670	—	—	0.0670	mg/L	Y	U	U	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.0670	—	—	0.0670	mg/L	Y	U	U	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	—	—	0.337	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	—	—	0.337	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	—	—	0.337	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	—	—	0.337	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	—	—	0.337	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	—	—	0.337	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	—	—	21.1	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	—	—	21.1	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	—	—	21.1	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	—	—	21.1	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	—	—	21.1	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	—	—	21.1	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.305	—	—	0.305	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248772	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.81	—	—	0.05	mg/L	Y		NQ	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.2	—	—	0.05	mg/L	Y		NQ	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	9.69	—	—	0.05	mg/L	Y		NQ	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Calcium	Ca	Y	9.61	—	—	0.05	mg/L	Y		NQ	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0547	1.38	5.10	—	pCi/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.709	1.20	4.65	—	pCi/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-4.32	2.33	7.33	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.44	1.16	3.73	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.99	—	—	0.0670	mg/L	Y		NQ	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.91	—	—	0.0670	mg/L	Y		NQ	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.57	—	—	0.0670	mg/L	Y		J	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.86	—	—	0.0670	mg/L	Y		J	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloro-1,3-butadiene[2-]	126-99-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloro-1-propene[3-]	107-05-1	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.30	—	—	3.30	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.35	—	—	3.35	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.410	—	—	0.410	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.416	—	—	0.416	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.305	—	—	0.305	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.00	—	—	1.00	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.00	—	—	1.00	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1.00	—	—	1.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Cobalt	Co	N	1.00	—	—	1.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.882	1.18	5.24	—	pCi/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.323	1.13	4.17	—	pCi/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.86	1.09	3.20	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.511	1.57	6.46	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Copper	Cu	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Copper	Cu	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.00167	mg/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.00167	mg/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.00167	mg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.00167	mg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.305	—	—	0.305	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dibromoethane[1,2-]	106-93-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3.00	—	—	3.00	ug/L	N	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichlorobenzene[1,2-]	95-50-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3.05	—	—	3.05	ug/L	N	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3.00	—	—	3.00	ug/L	N	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3.05	—	—	3.05	ug/L	N	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3.00	—	—	3.00	ug/L	N	U	UJ	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichlorobenzene[1,4-]	106-46-7	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3.05	—	—	3.05	ug/L	N	U	UJ	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	—	—	0.355	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	—	—	0.355	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	—	—	0.355	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	—	—	0.355	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	—	—	0.355	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	—	—	0.355	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethane[1,1-]	75-34-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethane[1,2-]	107-06-2	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethene[1,1-]	75-35-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	0.667	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	0.667	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	0.667	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	0.667	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	0.667	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethene[cis/trans-1,2-]	540-59-0	N	0.667	—	—	0.667	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropane[1,2-]	78-87-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropane[1,3-]	142-28-9	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropene[cis-1,3-]	10061-01-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropene[trans-1,3-]	10061-02-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.305	—	—	0.305	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.305	—	—	0.305	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.305	—	—	0.305	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0769	—	—	0.0769	ug/L	Y	U	U	N3B-2021-276	CAPA-21-209095	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0769	—	—	0.0769	ug/L	Y	U	U	N3B-2021-276	CAPA-21-209101	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0792	—	—	0.0792	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0801	—	—	0.0801	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	10/25/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0779	—	—	0.0779	ug/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0807	—	—	0.0807	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0789	—	—	0.0789	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0828	—	—	0.0828	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0806	—	—	0.0806	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0770	—	—	0.0770	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267937	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5.00	—	—	5.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5.08	—	—	5.08	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0769	—	—	0.0769	ug/L	Y	U	U	N3B-2021-276	CAPA-21-209095	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0769	—	—	0.0769	ug/L	Y	U	U	N3B-2021-276	CAPA-21-209101	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0792	—	—	0.0792	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0801	—	—	0.0801	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	10/25/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0779	—	—	0.0779	ug/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3.00	—	—	3.00	ug/L	N	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0807	—	—	0.0807	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3.05	—	—	3.05	ug/L	N	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0789	—	—	0.0789	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0828	—	—	0.0828	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0806	—	—	0.0806	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0770	—	—	0.0770	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267937	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0769	—	—	0.0769	ug/L	Y	U	U	N3B-2021-276	CAPA-21-209095	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0769	—	—	0.0769	ug/L	Y	U	U	N3B-2021-276	CAPA-21-209101	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0792	—	—	0.0792	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0801	—	—	0.0801	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	10/25/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0779	—	—	0.0779	ug/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3.00	—	—	3.00	ug/L	N	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0807	—	—	0.0807	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3.05	—	—	3.05	ug/L	N	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0789	—	—	0.0789	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0828	—	—	0.0828	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0806	—	—	0.0806	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0770	—	—	0.0770	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267937	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.305	—	—	0.305	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3.00	—	—	3.00	ug/L	Y	U	UJ	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3.05	—	—	3.05	ug/L	Y	U	UJ	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	—	—	16.7	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	—	—	16.7	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	—	—	16.7	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3.00	—	—	3.00	ug/L	N	U	UJ	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.100	—	—	0.100	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3.05	—	—	3.05	ug/L	N	U	UJ	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.100	—	—	0.100	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.305	—	—	0.305	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.305	—	—	0.305	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.273	—	—	0.0330	mg/L	Y		NQ	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.275	—	—	0.0330	mg/L	Y		NQ	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	N	0.0330	—	—	0.0330	mg/L	Y	U	UJ	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.299	—	—	0.0330	mg/L	Y		J	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.67	0.926	2.95	—	pCi/L	Y	U	UJ	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.207	0.457	2.42	—	pCi/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.50	0.672	1.80	—	pCi/L	Y	U	UJ	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	RAD	EPA:900.0	Gross alpha	GROSSA	N	-0.0972	0.371	1.91	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.19	0.941	2.88	—	pCi/L	Y		J	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	3.32	0.880	2.63	—	pCi/L	Y		J	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	0.549	0.809	2.85	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	RAD	EPA:900.0	Gross beta	GROSSB	N	-0.795	0.705	2.79	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37.8	—	—	0.453	mg/L	Y		NQ	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.1	—	—	0.453	mg/L	Y		NQ	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	35.7	—	—	0.453	mg/L	Y		NQ	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	35.5	—	—	0.453	mg/L	Y		NQ	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3.00	—	—	3.00	ug/L	N	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3.05	—	—	3.05	ug/L	N	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	HMX	2691-41-0	N	0.0769	—	—	0.0769	ug/L	Y	U	U	N3B-2021-276	CAPA-21-209095	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	HMX	2691-41-0	N	0.0769	—	—	0.0769	ug/L	Y	U	U	N3B-2021-276	CAPA-21-209101	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	HMX	2691-41-0	N	0.0792	—	—	0.0792	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	HMX	2691-41-0	N	0.0801	—	—	0.0801	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	10/25/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	HMX	2691-41-0	N	0.0779	—	—	0.0779	ug/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	HMX	2691-41-0	N	0.0807	—	—	0.0807	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	HMX	2691-41-0	N	0.0789	—	—	0.0789	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	HMX	2691-41-0	N	0.0828	—	—	0.0828	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	HMX	2691-41-0	N	0.0806	—	—	0.0806	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	HMX	2691-41-0	N	0.0770	—	—	0.0770	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267937	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.305	—	—	0.305	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	30.0	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	—	—	30.0	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	Y	150	—	—	30.0	ug/L	Y		NQ	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Iron	Fe	Y	147	—	—	30.0	ug/L	Y		NQ	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	—	—	16.7	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	—	—	16.7	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	—	—	16.7	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	—	—	16.7	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	—	—	16.7	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	—	—	16.7	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.50	—	—	3.50	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.55	—	—	3.55	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.500	—	—	0.500	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Lead	Pb	N	0.500	—	—	0.500	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.500	—	—	0.500	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Lead	Pb	N	0.500	—	—	0.500	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.23	—	—	0.11	mg/L	Y		NQ	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.33	—	—	0.11	mg/L	Y		NQ	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	2.79	—	—	0.11	mg/L	Y		NQ	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	2.79	—	—	0.11	mg/L	Y		NQ	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.00	—	—	2.00	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.00	—	—	2.00	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	Y	2.43	—	—	2.00	ug/L	Y	J	J	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Manganese	Mn	Y	2.29	—	—	2.00	ug/L	Y	J	J	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.0670	—	—	0.0670	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.0670	—	—	0.0670	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.0670	—	—	0.0670	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.0670	—	—	0.0670	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.0670	—	—	0.0670	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.0670	—	—	0.0670	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.0670	—	—	0.0670	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.0670	—	—	0.0670	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Methyl tert-Butyl Ether	1634-04-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Methyl-2-pentanone[4-]	108-10-1	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	2.52	—	—	0.500	ug/L	Y	J	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Methylene Chloride	75-09-2	Y	2.37	—	—	0.500	ug/L	Y	J	J	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	2.36	—	—	0.500	ug/L	Y	J	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.305	—	—	0.305	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.305	—	—	0.305	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.70	—	—	3.70	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.76	—	—	3.76	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.19	—	—	0.200	ug/L	Y		NQ	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.08	—	—	0.200	ug/L	Y		NQ	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.53	—	—	0.200	ug/L	Y		NQ	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.05	—	—	0.200	ug/L	Y		NQ	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	—	—	0.333	ug/L	N	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.305	—	—	0.305	ug/L	N	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.09	2.32	9.31	—	pCi/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.486	2.50	8.03	—	pCi/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.652	2.18	7.88	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.20	3.32	10.6	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	0.806	—	—	0.600	ug/L	Y	J	J	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Nickel	Ni	Y	0.699	—	—	0.600	ug/L	Y	J	J	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	4.17	—	—	0.600	ug/L	Y		NQ	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Nickel	Ni	Y	4.32	—	—	0.600	ug/L	Y		NQ	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.186	—	—	0.0170	mg/L	Y		NQ	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.187	—	—	0.0170	mg/L	Y		NQ	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.192	—	—	0.0170	mg/L	Y		NQ	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.180	—	—	0.0170	mg/L	Y		NQ	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0769	—	—	0.0769	ug/L	Y	U	U	N3B-2021-276	CAPA-21-209095	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0769	—	—	0.0769	ug/L	Y	U	U	N3B-2021-276	CAPA-21-209101	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0792	—	—	0.0792	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0801	—	—	0.0801	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	10/25/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0779	—	—	0.0779	ug/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3.00	—	—	3.00	ug/L	N	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0807	—	—	0.0807	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3.05	—	—	3.05	ug/L	N	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0789	—	—	0.0789	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0828	—	—	0.0828	ug/L	Y	U	UJ	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0806	—	—	0.0806	ug/L	Y	U	UJ	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0770	—	—	0.0770	ug/L	Y	U	UJ	N3B-2023-1423	CAPA-23-267937	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3.00	—	—	3.00	ug/L	Y	U	UJ	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3.05	—	—	3.05	ug/L	Y	U	UJ	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0788	—	—	0.0788	ug/L	Y	U	UJ	N3B-2021-276	CAPA-21-209095	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0788	—	—	0.0788	ug/L	Y	U	UJ	N3B-2021-276	CAPA-21-209101	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0811	—	—	0.0811	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0821	—	—	0.0821	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	10/25/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0798	—	—	0.0798	ug/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0828	—	—	0.0828	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0808	—	—	0.0808	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0849	—	—	0.0849	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0826	—	—	0.0826	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0789	—	—	0.0789	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267937	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0769	—	—	0.0769	ug/L	Y	U	U	N3B-2021-276	CAPA-21-209095	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0769	—	—	0.0769	ug/L	Y	U	U	N3B-2021-276	CAPA-21-209101	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0792	—	—	0.0792	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0801	—	—	0.0801	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	10/25/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0779	—	—	0.0779	ug/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0807	—	—	0.0807	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0789	—	—	0.0789	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0828	—	—	0.0828	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0806	—	—	0.0806	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0770	—	—	0.0770	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267937	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.144	—	—	0.144	ug/L	Y	U	U	N3B-2021-276	CAPA-21-209095	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.144	—	—	0.144	ug/L	Y	U	U	N3B-2021-276	CAPA-21-209101	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.148	—	—	0.148	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.150	—	—	0.150	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	10/25/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.146	—	—	0.146	ug/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.151	—	—	0.151	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.148	—	—	0.148	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.155	—	—	0.155	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.151	—	—	0.151	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.144	—	—	0.144	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267937	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	4.00	—	—	3.05	ug/L	Y	J	UJ	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.255	—	—	0.0500	ug/L	Y		J+	N3B-2021-1340	CAPA-21-221778	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.235	—	—	0.0500	ug/L	Y		J+	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.227	—	—	0.0500	ug/L	Y		NQ	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.228	—	—	0.0500	ug/L	Y		NQ	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.590	—	—	0.590	ng/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.560	—	—	0.560	ng/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.715	—	—	0.715	ng/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.679	—	—	0.679	ng/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.715	—	—	0.715	ng/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.679	—	—	0.679	ng/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	PETN	78-11-5	N	0.0962	—	—	0.0962	ug/L	Y	U	UJ	N3B-2021-276	CAPA-21-209095	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	PETN	78-11-5	N	0.0962	—	—	0.0962	ug/L	Y	U	UJ	N3B-2021-276	CAPA-21-209101	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	PETN	78-11-5	N	0.0990	—	—	0.0990	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	PETN	78-11-5	N	0.100	—	—	0.100	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	10/25/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	PETN	78-11-5	N	0.0973	—	—	0.0973	ug/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	PETN	78-11-5	N	0.101	—	—	0.101	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	PETN	78-11-5	N	0.0986	—	—	0.0986	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	PETN	78-11-5	N	0.104	—	—	0.104	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	PETN	78-11-5	N	0.101	—	—	0.101	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	PETN	78-11-5	N	0.0963	—	—	0.0963	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267937	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.305	—	—	0.305	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Phenol	108-95-2	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00212	0.00763	0.0458	—	pCi/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0106	0.00920	0.0575	—	pCi/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00284	0.00635	0.0510	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00551	0.00955	0.0495	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00846	0.00846	0.0475	—	pCi/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.000	0.0125	0.0597	—	pCi/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.000	0.00897	0.0767	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0110	0.0129	0.0745	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.63	—	—	0.05	mg/L	Y		NQ	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.69	—	—	0.05	mg/L	Y		NQ	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	1.55	—	—	0.05	mg/L	Y		NQ	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Potassium	K	Y	1.55	—	—	0.05	mg/L	Y		NQ	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-40.4	17.8	57.8	—	pCi/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-19.4	14.7	54.0	—	pCi/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-12.7	16.1	57.5	—	pCi/L	Y	U	UJ	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-41.5	21.3	70.0	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.305	—	—	0.305	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.167	0.0861	0.264	—	pCi/L	Y	U	UJ	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.191	0.112	0.365	—	pCi/L	Y	U	UJ	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.191	0.126	0.418	—	pCi/L	Y	U	UJ	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.681	0.161	0.209	—	pCi/L	Y		J+	N3B-2022-1320	CAPA-22-248777	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.167	0.171	—	—	pCi/L	Y		UJ	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.194	0.212	—	—	pCi/L	Y		UJ	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	1.27	0.279	—	—	pCi/L	Y	J	J	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.910	0.275	—	—	pCi/L	Y	J	J+	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.105	0.147	0.582	—	pCi/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.00315	0.180	0.687	—	pCi/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	1.08	0.249	0.527	—	pCi/L	Y		NQ	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.229	0.223	0.756	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	RDX	121-82-4	N	0.0769	—	—	0.0769	ug/L	Y	U	U	N3B-2021-276	CAPA-21-209095	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	RDX	121-82-4	N	0.0769	—	—	0.0769	ug/L	Y	U	U	N3B-2021-276	CAPA-21-209101	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	RDX	121-82-4	N	0.0792	—	—	0.0792	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	RDX	121-82-4	N	0.0801	—	—	0.0801	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	10/25/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	RDX	121-82-4	N	0.0779	—	—	0.0779	ug/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	RDX	121-82-4	N	0.0807	—	—	0.0807	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	RDX	121-82-4	N	0.0789	—	—	0.0789	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	RDX	121-82-4	N	0.0828	—	—	0.0828	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	RDX	121-82-4	N	0.0806	—	—	0.0806	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	RDX	121-82-4	N	0.0770	—	—	0.0770	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267937	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.00	—	—	2.00	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Selenium	Se	N	2.00	—	—	2.00	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	1.50	—	—	1.50	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Selenium	Se	N	1.50	—	—	1.50	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.8	—	—	0.053	mg/L	Y		NQ	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.1	—	—	0.053	mg/L	Y		NQ	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	69.1	—	—	0.053	mg/L	Y		NQ	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	68.6	—	—	0.053	mg/L	Y		NQ	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Silver	Ag	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Silver	Ag	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12	—	—	0.1	mg/L	Y	N	J-	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	N	J-	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	11.2	—	—	0.1	mg/L	Y		NQ	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y		NQ	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.353	1.05	4.59	—	pCi/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.608	0.994	4.12	—	pCi/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0562	1.11	4.37	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0388	1.24	5.13	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	123	—	—	1	uS/cm	Y		NQ	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	122	—	—	1	uS/cm	Y		NQ	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132	—	—	1	uS/cm	Y		NQ	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	130	—	—	1	uS/cm	Y		NQ	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	44.9	—	—	1.00	ug/L	Y		NQ	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	46.4	—	—	1.00	ug/L	Y		NQ	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	41.8	—	—	1.00	ug/L	Y		NQ	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Strontium	Sr	Y	41.7	—	—	1.00	ug/L	Y		NQ	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.364	0.153	0.488	—	pCi/L	Y	U	UJ	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0994	0.140	0.484	—	pCi/L	Y	U	UJ	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.117	0.142	0.495	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0569	0.0734	0.252	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.70	—	—	0.133	mg/L	Y		NQ	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.71	—	—	0.133	mg/L	Y		NQ	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.67	—	—	0.133	mg/L	Y		NQ	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.68	—	—	0.133	mg/L	Y		NQ	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	TATB	3058-38-6	N	0.288	—	—	0.288	ug/L	Y	U	UJ	N3B-2021-276	CAPA-21-209095	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	TATB	3058-38-6	N	0.288	—	—	0.288	ug/L	Y	U	UJ	N3B-2021-276	CAPA-21-209101	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	TATB	3058-38-6	N	0.297	—	—	0.297	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	TATB	3058-38-6	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	10/25/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	TATB	3058-38-6	N	0.292	—	—	0.292	ug/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	TATB	3058-38-6	N	0.303	—	—	0.303	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	TATB	3058-38-6	N	0.296	—	—	0.296	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	TATB	3058-38-6	N	0.311	—	—	0.311	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	TATB	3058-38-6	N	0.302	—	—	0.302	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	TATB	3058-38-6	N	0.289	—	—	0.289	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267937	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y		NQ	N3B-2021-276	CAPA-21-209095	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	FB	GENERAL CHEMISTRY	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y		NQ	N3B-2021-276	CAPA-21-209101	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y		NQ	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y		NQ	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	GENERAL CHEMISTRY	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y		NQ	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y		NQ	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y		NQ	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	10/25/2021	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y		NQ	N3B-2022-182	CAPA-22-235463	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y		NQ	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y		NQ	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	GENERAL CHEMISTRY	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y		NQ	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y		NQ	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y		NQ	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y		NQ	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y		NQ	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FB	GENERAL CHEMISTRY	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y		NQ	N3B-2023-1423	CAPA-23-267937	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Tetryl	479-45-8	N	0.0769	—	—	0.0769	ug/L	Y	U	U	N3B-2021-276	CAPA-21-209095	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Tetryl	479-45-8	N	0.0769	—	—	0.0769	ug/L	Y	U	U	N3B-2021-276	CAPA-21-209101	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Tetryl	479-45-8	N	0.0792	—	—	0.0792	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Tetryl	479-45-8	N	0.0801	—	—	0.0801	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	10/25/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Tetryl	479-45-8	N	0.0779	—	—	0.0779	ug/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Tetryl	479-45-8	N	0.0807	—	—	0.0807	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Tetryl	479-45-8	N	0.0789	—	—	0.0789	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Tetryl	479-45-8	N	0.0828	—	—	0.0828	ug/L	Y	U	UJ	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Tetryl	479-45-8	N	0.0806	—	—	0.0806	ug/L	Y	U	UJ	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Tetryl	479-45-8	N	0.0770	—	—	0.0770	ug/L	Y	U	UJ	N3B-2023-1423	CAPA-23-267937	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.600	—	—	0.600	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.600	—	—	0.600	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221856	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.600	—	—	0.600	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.600	—	—	0.600	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.50	—	—	2.50	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	2.50	—	—	2.50	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Tin	Sn	N	1.00	—	—	1.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Tin	Sn	N	1.00	—	—	1.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	127	—	—	3.40	mg/L	Y		NQ	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	126	—	—	3.40	mg/L	Y		NQ	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	3.40	mg/L	Y		NQ	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.40	mg/L	Y		NQ	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.133	—	—	0.0330	mg/L	Y		NQ	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.737	—	—	0.0330	mg/L	Y		NQ	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0330	—	—	0.0330	mg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0351	—	—	0.0330	mg/L	Y	J	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.381	—	—	0.330	mg/L	Y	J	J	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.330	—	—	0.330	mg/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.335	—	—	0.330	mg/L	Y	J	J	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.445	—	—	0.330	mg/L	Y	J	J	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0	—	—	—	ng/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0	—	—	—	ng/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0372	—	—	0.0200	mg/L	Y	J	J	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0355	—	—	0.0200	mg/L	Y	J	J	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.103	—	—	0.0200	mg/L	Y		NQ	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.138	—	—	0.0200	mg/L	Y		NQ	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2	76-13-1	N	2.98	—	—	2.98	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2	76-13-1	N	2.98	—	—	2.98	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2	76-13-1	N	2.98	—	—	2.98	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2	76-13-1	N	2.98	—	—	2.98	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2	76-13-1	N	2.98	—	—	2.98	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloro-1,2,2-trifluoroethane[1,1,2	76-13-1	N	2.98	—	—	2.98	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichlorobenzene[1,2,3-]	87-61-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3.00	—	—	3.00	ug/L	N	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichlorobenzene[1,2,4-]	120-82-1	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3.05	—	—	3.05	ug/L	N	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloroethane[1,1,2-]	79-00-5	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	3.00	—	—	3.00	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	3.05	—	—	3.05	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trichloropropane[1,2,3-]	96-18-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trimethylbenzene[1,2,4-]	95-63-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.667	—	—	0.667	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.667	—	—	0.667	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.667	—	—	0.667	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.500	—	—	0.500	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.500	—	—	0.500	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.500	—	—	0.500	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0769	—	—	0.0769	ug/L	Y	U	U	N3B-2021-276	CAPA-21-209095	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0769	—	—	0.0769	ug/L	Y	U	U	N3B-2021-276	CAPA-21-209101	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0792	—	—	0.0792	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0801	—	—	0.0801	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	10/25/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0779	—	—	0.0779	ug/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0807	—	—	0.0807	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0789	—	—	0.0789	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0828	—	—	0.0828	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0806	—	—	0.0806	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0770	—	—	0.0770	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267937	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0769	—	—	0.0769	ug/L	Y	U	U	N3B-2021-276	CAPA-21-209095	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0769	—	—	0.0769	ug/L	Y	U	U	N3B-2021-276	CAPA-21-209101	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0792	—	—	0.0792	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0801	—	—	0.0801	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	10/25/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0779	—	—	0.0779	ug/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0807	—	—	0.0807	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0789	—	—	0.0789	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0828	—	—	0.0828	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0806	—	—	0.0806	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0770	—	—	0.0770	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267937	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.288	—	—	0.288	ug/L	Y	U	U	N3B-2021-276	CAPA-21-209095	GELC
R-17 S1	1057.0	10/30/2020	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.288	—	—	0.288	ug/L	Y	U	U	N3B-2021-276	CAPA-21-209101	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.297	—	—	0.297	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.300	—	—	0.300	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	10/25/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.292	—	—	0.292	ug/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.303	—	—	0.303	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.296	—	—	0.296	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.311	—	—	0.311	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267935	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.302	—	—	0.302	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267936	GELC
R-17 S1	1057.0	02/28/2023	WG	UF	INIT	FB	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.289	—	—	0.289	ug/L	Y	U	U	N3B-2023-1423	CAPA-23-267937	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.532	—	—	0.0670	ug/L	Y		NQ	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	0.533	—	—	0.0670	ug/L	Y		NQ	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.413	—	—	0.0670	ug/L	Y		NQ	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	0.402	—	—	0.0670	ug/L	Y		NQ	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.322	0.0321	0.0689	—	pCi/L	Y		J	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.262	0.0334	0.0818	—	pCi/L	Y		J	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.282	0.0337	0.0558	—	pCi/L	Y		J	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.268	0.0334	0.0546	—	pCi/L	Y		J	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0192	0.0103	0.0681	—	pCi/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0178	0.0140	0.0809	—	pCi/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0249	0.0119	0.0406	—	pCi/L	Y	U	UJ	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0209	0.00989	0.0397	—	pCi/L	Y	U	UJ	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.188	0.0244	0.0694	—	pCi/L	Y		NQ	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.146	0.0252	0.0824	—	pCi/L	Y		NQ	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.187	0.0257	0.0517	—	pCi/L	Y		J	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.138	0.0242	0.0506	—	pCi/L	Y		J	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.93	—	—	1.00	ug/L	Y	J	J	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.22	—	—	1.00	ug/L	Y		NQ	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	4.26	—	—	1.00	ug/L	Y	J	J	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Vanadium	V	Y	4.12	—	—	1.00	ug/L	Y	J	J	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	—	—	1.67	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	—	—	0.333	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.667	—	—	0.667	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FTB	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.667	—	—	0.667	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221780	GELC
R-17 S1	1057.0	04/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.667	—	—	0.667	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.500	—	—	0.500	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FTB	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.500	—	—	0.500	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248775	GELC
R-17 S1	1057.0	04/18/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.500	—	—	0.500	ug/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.30	—	—	3.30	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.30	—	—	3.30	ug/L	Y	U	U	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	3.45	—	—	3.30	ug/L	Y	J	J	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Zinc	Zn	Y	3.31	—	—	3.30	ug/L	Y	J	J	N3B-2022-1320	CAPA-22-248776	GELC
R-19 S2	893.3	04/07/2021	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3	—	—	3	µg/L	N	U	U	N3B-2021-1214	CAPA-21-221776	GELC
R-19 S2	893.3	04/07/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0801	—	—	0.0801	µg/L	Y	U	U	N3B-2021-1214	CAPA-21-221776	GELC
R-19 S2	893.3	09/28/2021	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.1	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC
R-19 S2	893.3	09/28/2021	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	2.94	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC
R-19 S2	893.3	10/27/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0788	—	—	0.0788	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235462	GELC
R-19 S2	893.3	04/06/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0881	—	—	0.0881	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC
R-19 S2	893.3	04/06/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.99	—	—	2.99	µg/L	N	U	U	N3B-2022-1246	CAPA-22-248759	GELC
R-19 S2	893.3	02/22/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrobenzene	98-95-3	Y	12.9	—	—	0.0916	µg/L	Y	—	R	N3B-2023-1342	CAPA-23-267934	GELC
R-2	906.4	06/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.2	—	—	0.01	SU	Y	H	NQ	N3B-2019-2290	CAPU-19-181510	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-2	906.4	08/31/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.29	—	—	0.01	SU	Y	H	NQ	N3B-2020-1650	CAPU-20-206460	GELC
R-2	906.4	08/31/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.31	—	—	0.01	SU	Y	H	NQ	N3B-2020-1650	CAPU-20-206457	GELC
R-2	906.4	06/22/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.16	—	—	0.01	SU	Y	H	J	N3B-2021-1920	CAPU-21-229577	GELC
R-2	906.4	06/22/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.18	—	—	0.01	SU	Y	H	J	N3B-2021-1920	CAPU-21-229579	GELC
R-2	906.4	06/30/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.18	—	—	0.01	SU	Y	H	J	N3B-2022-2111	CAPU-22-253062	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.23	—	—	0.01	SU	Y	H	J	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.24	—	—	0.01	SU	Y	H	J	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2290	CAPU-19-181510	GELC
R-2	906.4	08/31/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206460	GELC
R-2	906.4	08/31/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206457	GELC
R-2	906.4	06/22/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229577	GELC
R-2	906.4	06/22/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229579	GELC
R-2	906.4	06/30/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.8	—	—	0.725	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.6	—	—	0.725	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/26/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00219	0.00725	0.0318	—	pCi/L	Y	U	U	N3B-2019-2290	CAPU-19-181511	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0267	0.00996	0.0403	—	pCi/L	Y	U	U	N3B-2020-1650	CAPU-20-206458	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00925	0.00925	0.0419	—	pCi/L	Y	U	U	N3B-2020-1650	CAPU-20-206461	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0101	0.0143	0.0897	—	pCi/L	Y	U	U	N3B-2021-1920	CAPU-21-229576	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0275	0.0188	0.0697	—	pCi/L	Y	U	U	N3B-2021-1920	CAPU-21-230393	GELC
R-2	906.4	06/30/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0131	0.0114	0.0351	—	pCi/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0155	0.00896	0.0478	—	pCi/L	Y	U	UJ	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0146	0.00812	0.0454	—	pCi/L	Y	U	UJ	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.22	—	—	2	µg/L	Y	J	J	N3B-2019-2290	CAPU-19-181510	GELC
R-2	906.4	08/31/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.9	—	—	2	µg/L	Y	J	J	N3B-2020-1650	CAPU-20-206457	GELC
R-2	906.4	08/31/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.68	—	—	2	µg/L	Y	J	J	N3B-2020-1650	CAPU-20-206460	GELC
R-2	906.4	06/22/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.61	—	—	2	µg/L	Y	J	J	N3B-2021-1920	CAPU-21-229577	GELC
R-2	906.4	06/22/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.43	—	—	2	µg/L	Y	J	J	N3B-2021-1920	CAPU-21-229579	GELC
R-2	906.4	06/30/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.13	—	—	2	µg/L	Y	J	J	N3B-2022-2111	CAPU-22-253062	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.53	—	—	2	µg/L	Y	J	J	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.38	—	—	2	µg/L	Y	J	J	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	14.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-2290	CAPU-19-181510	GELC
R-2	906.4	08/31/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	15.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206457	GELC
R-2	906.4	08/31/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	14.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206460	GELC
R-2	906.4	06/22/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	16.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229577	GELC
R-2	906.4	06/22/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	16.5	—	—	1	µg/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229579	GELC
R-2	906.4	06/30/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	16.5	—	—	1	µg/L	Y	—	J+	N3B-2022-2111	CAPU-22-253062	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	17	—	—	1	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Barium	Ba	Y	17.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2290	CAPU-19-181510	GELC
R-2	906.4	08/31/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.8	—	—	0.05	mg/L	Y	N	J-	N3B-2020-1650	CAPU-20-206457	GELC
R-2	906.4	08/31/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.5	—	—	0.05	mg/L	Y	N	J-	N3B-2020-1650	CAPU-20-206460	GELC
R-2	906.4	06/22/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229577	GELC
R-2	906.4	06/22/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229579	GELC
R-2	906.4	06/30/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	12.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	12.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Calcium	Ca	Y	12.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/26/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.558	1.24	4.6	—	pCi/L	Y	U	U	N3B-2019-2290	CAPU-19-181511	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0974	1.25	4.7	—	pCi/L	Y	U	U	N3B-2020-1650	CAPU-20-206458	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.6	1.28	5.1	—	pCi/L	Y	U	U	N3B-2020-1650	CAPU-20-206461	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.31	1.45	4.9	—	pCi/L	Y	U	U	N3B-2021-1920	CAPU-21-229576	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.989	1.42	5.64	—	pCi/L	Y	U	U	N3B-2021-1920	CAPU-21-230393	GELC
R-2	906.4	06/30/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	4.56	2.95	4.25	—	pCi/L	Y	UI	U	N3B-2022-2111	CAPU-22-253061	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.801	1.52	5.82	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.57	1.43	4.75	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.17	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2290	CAPU-19-181510	GELC
R-2	906.4	08/31/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.33	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206460	GELC
R-2	906.4	08/31/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.44	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206457	GELC
R-2	906.4	06/22/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.37	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229577	GELC
R-2	906.4	06/22/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.19	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229579	GELC
R-2	906.4	06/30/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.25	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-2	906.4	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.19	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.21	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-2290	CAPU-19-181510	GELC
R-2	906.4	08/31/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.92	—	—	3	µg/L	Y	J	J	N3B-2020-1650	CAPU-20-206457	GELC
R-2	906.4	06/22/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.16	—	—	3	µg/L	Y	J	J	N3B-2021-1920	CAPU-21-229577	GELC
R-2	906.4	06/22/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.18	—	—	3	µg/L	Y	J	J	N3B-2021-1920	CAPU-21-229579	GELC
R-2	906.4	06/30/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.56	—	—	3	µg/L	Y	J	J	N3B-2022-2111	CAPU-22-253062	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.1	—	—	3	µg/L	Y	J	J	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.99	—	—	3	µg/L	Y	J	J	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/26/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.991	1.18	4.91	—	pCi/L	Y	U	U	N3B-2019-2290	CAPU-19-181511	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.8	1.17	5.69	—	pCi/L	Y	U	U	N3B-2020-1650	CAPU-20-206458	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.23	1.25	5.41	—	pCi/L	Y	U	U	N3B-2020-1650	CAPU-20-206461	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.531	1.08	4.7	—	pCi/L	Y	U	U	N3B-2021-1920	CAPU-21-229576	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.2	1.23	5.57	—	pCi/L	Y	U	U	N3B-2021-1920	CAPU-21-230393	GELC
R-2	906.4	06/30/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.3	1.57	6.76	—	pCi/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.868	1.77	7.14	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.889	1.72	6.9	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	3.7	—	—	3	µg/L	Y	J	J	N3B-2019-2290	CAPU-19-181510	GELC
R-2	906.4	08/31/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	4.68	—	—	3	µg/L	Y	J	J	N3B-2020-1650	CAPU-20-206457	GELC
R-2	906.4	08/31/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Copper	Cu	Y	4.91	—	—	3	µg/L	Y	J	J	N3B-2020-1650	CAPU-20-206460	GELC
R-2	906.4	06/22/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	Y	8.26	—	—	3	µg/L	Y	J	J	N3B-2021-1920	CAPU-21-229577	GELC
R-2	906.4	06/22/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Copper	Cu	Y	8.59	—	—	3	µg/L	Y	J	J	N3B-2021-1920	CAPU-21-229579	GELC
R-2	906.4	06/30/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	Y	11.7	—	—	3	µg/L	Y	J	J	N3B-2022-2111	CAPU-22-253062	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Copper	Cu	Y	10.9	—	—	3	µg/L	Y	J	J	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Copper	Cu	Y	11.1	—	—	3	µg/L	Y	J	J	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.47	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2290	CAPU-19-181510	GELC
R-2	906.4	08/31/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.404	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206460	GELC
R-2	906.4	08/31/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.403	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206457	GELC
R-2	906.4	06/22/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.249	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229577	GELC
R-2	906.4	06/22/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.244	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229579	GELC
R-2	906.4	06/30/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.321	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.494	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.499	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/26/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.08	0.823	2.85	—	pCi/L	Y	U	U	N3B-2019-2290	CAPU-19-181511	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.329	0.601	2.82	—	pCi/L	Y	U	U	N3B-2020-1650	CAPU-20-206458	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.285	0.621	2.82	—	pCi/L	Y	U	U	N3B-2020-1650	CAPU-20-206461	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.29	0.757	2.34	—	pCi/L	Y	U	UJ	N3B-2021-1920	CAPU-21-229576	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.09	0.788	2.66	—	pCi/L	Y	U	UJ	N3B-2021-1920	CAPU-21-230393	GELC
R-2	906.4	06/30/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.202	0.636	2.72	—	pCi/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	-0.486	0.485	2.47	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.174	0.564	2.34	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/26/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.88	0.859	2.71	—	pCi/L	Y	U	U	N3B-2019-2290	CAPU-19-181511	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.48	1.07	2.98	—	pCi/L	Y	—	J	N3B-2020-1650	CAPU-20-206458	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	2.69	0.872	2.71	—	pCi/L	Y	U	UJ	N3B-2020-1650	CAPU-20-206461	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.31	0.865	2.71	—	pCi/L	Y	U	UJ	N3B-2021-1920	CAPU-21-229576	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	4.82	0.997	2.69	—	pCi/L	Y	—	J	N3B-2021-1920	CAPU-21-230393	GELC
R-2	906.4	06/30/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	3.09	0.952	2.9	—	pCi/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253061	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	0.577	0.707	2.49	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	RAD	EPA:900.0	Gross beta	GROSSB	N	0.0618	0.685	2.55	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/26/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2290	CAPU-19-181510	GELC
R-2	906.4	08/31/2020	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206457	GELC
R-2	906.4	08/31/2020	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206460	GELC
R-2	906.4	06/22/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229577	GELC
R-2	906.4	06/22/2021	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229579	GELC
R-2	906.4	06/30/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.08	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2290	CAPU-19-181510	GELC
R-2	906.4	08/31/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.57	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206457	GELC
R-2	906.4	08/31/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.45	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206460	GELC
R-2	906.4	06/22/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.58	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229577	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-2	906.4	06/22/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.52	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229579	GELC
R-2	906.4	06/30/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.35	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.23	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.27	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	8.65	—	—	2	µg/L	Y	J	J	N3B-2019-2290	CAPU-19-181510	GELC
R-2	906.4	08/31/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	6.32	—	—	2	µg/L	Y	J	J	N3B-2020-1650	CAPU-20-206457	GELC
R-2	906.4	08/31/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	Y	6.2	—	—	2	µg/L	Y	J	J	N3B-2020-1650	CAPU-20-206460	GELC
R-2	906.4	06/22/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	8.41	—	—	2	µg/L	Y	J	J	N3B-2021-1920	CAPU-21-229577	GELC
R-2	906.4	06/22/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	Y	8.36	—	—	2	µg/L	Y	J	J	N3B-2021-1920	CAPU-21-229579	GELC
R-2	906.4	06/30/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	Y	4.95	—	—	2	µg/L	Y	J	J	N3B-2022-2111	CAPU-22-253062	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	Y	7.28	—	—	2	µg/L	Y	J	J	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Manganese	Mn	Y	7.16	—	—	2	µg/L	Y	J	J	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.46	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2290	CAPU-19-181510	GELC
R-2	906.4	08/31/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	2.46	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206457	GELC
R-2	906.4	06/22/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	2.1	—	—	0.2	µg/L	Y	—	J+	N3B-2021-1920	CAPU-21-229577	GELC
R-2	906.4	06/22/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	2.06	—	—	0.2	µg/L	Y	—	J+	N3B-2021-1920	CAPU-21-229579	GELC
R-2	906.4	06/30/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	2.09	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	2.08	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.92	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/26/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.822	2.2	8.21	—	pCi/L	Y	U	U	N3B-2019-2290	CAPU-19-181511	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.56	3.22	10.6	—	pCi/L	Y	U	U	N3B-2020-1650	CAPU-20-206458	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.8	2.45	8.42	—	pCi/L	Y	U	U	N3B-2020-1650	CAPU-20-206461	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.56	2.11	7.61	—	pCi/L	Y	U	U	N3B-2021-1920	CAPU-21-229576	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.29	2.98	11	—	pCi/L	Y	U	U	N3B-2021-1920	CAPU-21-230393	GELC
R-2	906.4	06/30/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.54	2.83	10.2	—	pCi/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.0758	2.39	8.99	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.0413	2.59	9.46	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.07	—	—	0.6	µg/L	Y	J	J	N3B-2019-2290	CAPU-19-181510	GELC
R-2	906.4	08/31/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	6.34	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206457	GELC
R-2	906.4	06/22/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	3.68	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229577	GELC
R-2	906.4	06/22/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Nickel	Ni	Y	3.69	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229579	GELC
R-2	906.4	06/30/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	3.85	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	4.06	—	—	0.6	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Nickel	Ni	Y	4.09	—	—	0.6	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.445	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2290	CAPU-19-181510	GELC
R-2	906.4	08/31/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.43	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206460	GELC
R-2	906.4	08/31/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.435	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206457	GELC
R-2	906.4	06/22/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.467	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229577	GELC
R-2	906.4	06/22/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.469	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229579	GELC
R-2	906.4	06/30/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.489	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.478	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.493	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/26/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.389	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2290	CAPU-19-181510	GELC
R-2	906.4	08/31/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.363	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206457	GELC
R-2	906.4	08/31/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.354	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206460	GELC
R-2	906.4	06/22/2021	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.354	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229577	GELC
R-2	906.4	06/22/2021	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.359	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229579	GELC
R-2	906.4	06/30/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.342	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.344	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.348	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	6.98	—	—	0.801	ng/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206458	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	8.3	—	—	0.713	ng/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206461	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	1.49	—	—	0.698	ng/L	Y	J	J	N3B-2021-1920	CAPU-21-229576	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	1.25	—	—	0.684	ng/L	Y	J	J	N3B-2021-1920	CAPU-21-230393	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	2.03	—	—	0.756	ng/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	1.95	—	—	0.758	ng/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	6.88	—	—	0.801	ng/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206458	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	6.25	—	—	0.713	ng/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206461	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	4.07	—	—	0.698	ng/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229576	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	3.78	—	—	0.684	ng/L	Y	—	NQ	N3B-2021-1920	CAPU-21-230393	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	2.27	—	—	0.756	ng/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287728	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-2	906.4	06/12/2023	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	2.29	—	—	0.758	ng/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/26/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0157	0.0137	0.0556	—	pCi/L	Y	U	U	N3B-2019-2290	CAPU-19-181511	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00264	0.0156	0.0574	—	pCi/L	Y	U	U	N3B-2020-1650	CAPU-20-206458	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00233	0.00771	0.0506	—	pCi/L	Y	U	U	N3B-2020-1650	CAPU-20-206461	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00373	0.0135	0.0925	—	pCi/L	Y	U	U	N3B-2021-1920	CAPU-21-229576	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00339	0.014	0.084	—	pCi/L	Y	U	U	N3B-2021-1920	CAPU-21-230393	GELC
R-2	906.4	06/30/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00862	0.00528	0.0441	—	pCi/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00733	0.00733	0.0498	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0137	0.0107	0.056	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/26/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0157	0.0137	0.0607	—	pCi/L	Y	U	U	N3B-2019-2290	CAPU-19-181511	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00792	0.0152	0.0777	—	pCi/L	Y	U	U	N3B-2020-1650	CAPU-20-206458	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00698	0.00959	0.0684	—	pCi/L	Y	U	U	N3B-2020-1650	CAPU-20-206461	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0261	0.0135	0.0938	—	pCi/L	Y	U	U	N3B-2021-1920	CAPU-21-229576	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0237	0.0201	0.0851	—	pCi/L	Y	U	U	N3B-2021-1920	CAPU-21-230393	GELC
R-2	906.4	06/30/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0108	0.00834	0.0387	—	pCi/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00488	0.00772	0.0514	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00824	0.00912	0.0578	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.07	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2290	CAPU-19-181510	GELC
R-2	906.4	08/31/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.2	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1650	CAPU-20-206457	GELC
R-2	906.4	08/31/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.17	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1650	CAPU-20-206460	GELC
R-2	906.4	06/22/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.12	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229577	GELC
R-2	906.4	06/22/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.09	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229579	GELC
R-2	906.4	06/30/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	1.01	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	0.962	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Potassium	K	Y	1.02	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/26/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	11.5	20.1	40.5	—	pCi/L	Y	U	U	N3B-2019-2290	CAPU-19-181511	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	10.7	19.1	84.2	—	pCi/L	Y	U	U	N3B-2020-1650	CAPU-20-206458	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	8.56	16.8	65.5	—	pCi/L	Y	U	U	N3B-2020-1650	CAPU-20-206461	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-14.9	17.3	68.7	—	pCi/L	Y	U	U	N3B-2021-1920	CAPU-21-229576	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	11.8	24.8	62.3	—	pCi/L	Y	U	U	N3B-2021-1920	CAPU-21-230393	GELC
R-2	906.4	06/30/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	8.32	18.1	78.2	—	pCi/L	Y	U	UJ	N3B-2022-2111	CAPU-22-253061	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-9.69	16.7	69.1	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-12.1	20.5	77.2	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	11/09/2005	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	3.65	3.11	4.89	—	pCi/L	Y	U	U	150023	GU05110G02R01	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	-0.188	0.163	0.76	—	pCi/L	Y	U	U	N3B-2020-1650	CAPU-20-206458	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0382	0.0661	0.292	—	pCi/L	Y	U	U	N3B-2020-1650	CAPU-20-206461	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.248	0.0826	0.198	—	pCi/L	Y	—	J-	N3B-2021-1920	CAPU-21-229576	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.202	0.0855	0.248	—	pCi/L	Y	U	UJ	N3B-2021-1920	CAPU-21-230393	GELC
R-2	906.4	06/30/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.349	0.109	0.239	—	pCi/L	Y	—	U	N3B-2022-2111	CAPU-22-253061	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.529	0.155	0.27	—	pCi/L	Y	—	U	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.213	0.128	0.408	—	pCi/L	Y	U	UJ	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.289	0.26	—	—	pCi/L	Y	—	U	N3B-2020-1650	CAPU-20-206458	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	FD	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.0382	0.218	—	—	pCi/L	Y	—	U	N3B-2020-1650	CAPU-20-206461	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.529	0.164	—	—	pCi/L	Y	—	J-	N3B-2021-1920	CAPU-21-229576	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	FD	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.878	0.201	—	—	pCi/L	Y	—	J-	N3B-2021-1920	CAPU-21-230393	GELC
R-2	906.4	06/30/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.815	0.289	—	—	pCi/L	Y	J	J	N3B-2022-2111	CAPU-22-253061	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.733	0.247	—	—	pCi/L	Y	J	U	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.31	0.178	—	—	pCi/L	Y	U	UJ	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	01/13/2004	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-228	Ra-228	N	6.54	1.9	7.6	—	pCi/L	Y	U	U	2024S	GW02-04-52963	GEL
R-2	906.4	08/31/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.289	0.203	0.679	—	pCi/L	Y	U	U	N3B-2020-1650	CAPU-20-206458	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	-0.125	0.208	0.776	—	pCi/L	Y	U	U	N3B-2020-1650	CAPU-20-206461	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.281	0.142	0.457	—	pCi/L	Y	U	UJ	N3B-2021-1920	CAPU-21-229576	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	Y	0.676	0.182	0.508	—	pCi/L	Y	—	NQ	N3B-2021-1920	CAPU-21-230393	GELC
R-2	906.4	06/30/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.467	0.267	0.855	—	pCi/L	Y	U	UJ	N3B-2022-2111	CAPU-22-253061	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.205	0.193	0.662	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.0967	0.124	0.444	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	87.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2290	CAPU-19-181510	GELC
R-2	906.4	08/31/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	85.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206457	GELC
R-2	906.4	08/31/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	85	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206460	GELC
R-2	906.4	06/22/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	85.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229577	GELC
R-2	906.4	06/22/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	85.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229579	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-2	906.4	06/30/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	88.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	83	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	83.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2290	CAPU-19-181510	GELC
R-2	906.4	08/31/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206457	GELC
R-2	906.4	08/31/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206460	GELC
R-2	906.4	06/22/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229577	GELC
R-2	906.4	06/22/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	12	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229579	GELC
R-2	906.4	06/30/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	11.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	11.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Sodium	Na	Y	11.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/26/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.67	1.16	5.04	—	pCi/L	Y	U	U	N3B-2019-2290	CAPU-19-181511	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.321	1.35	5.37	—	pCi/L	Y	U	U	N3B-2020-1650	CAPU-20-206458	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.618	1.28	4.76	—	pCi/L	Y	U	U	N3B-2020-1650	CAPU-20-206461	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.113	1.12	4.51	—	pCi/L	Y	U	U	N3B-2021-1920	CAPU-21-229576	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.268	1.3	5.41	—	pCi/L	Y	U	U	N3B-2021-1920	CAPU-21-230393	GELC
R-2	906.4	06/30/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.98	1.48	4.75	—	pCi/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.55	1.48	6.45	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	2.17	1.5	6.47	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	259	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2290	CAPU-19-181510	GELC
R-2	906.4	08/31/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	140	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1650	CAPU-20-206460	GELC
R-2	906.4	08/31/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1650	CAPU-20-206457	GELC
R-2	906.4	06/22/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	437	—	—	1	µS/cm	Y	—	NQ	N3B-2021-1920	CAPU-21-229577	GELC
R-2	906.4	06/22/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	438	—	—	1	µS/cm	Y	—	NQ	N3B-2021-1920	CAPU-21-229579	GELC
R-2	906.4	06/30/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	142	—	—	1	µS/cm	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	142	—	—	1	µS/cm	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	140	—	—	1	µS/cm	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	58.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-2290	CAPU-19-181510	GELC
R-2	906.4	08/31/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	60	—	—	1	µg/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206457	GELC
R-2	906.4	08/31/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	58.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206460	GELC
R-2	906.4	06/22/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	64	—	—	1	µg/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229577	GELC
R-2	906.4	06/22/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	63.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229579	GELC
R-2	906.4	06/30/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	61.5	—	—	1	µg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	61.8	—	—	1	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Strontium	Sr	Y	62	—	—	1	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/26/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.00481	0.068	0.272	—	pCi/L	Y	U	U	N3B-2019-2290	CAPU-19-181511	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.143	0.142	0.486	—	pCi/L	Y	U	U	N3B-2020-1650	CAPU-20-206458	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.197	0.123	0.482	—	pCi/L	Y	U	U	N3B-2020-1650	CAPU-20-206461	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.16	0.12	0.416	—	pCi/L	Y	U	U	N3B-2021-1920	CAPU-21-229576	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.113	0.0809	0.269	—	pCi/L	Y	U	U	N3B-2021-1920	CAPU-21-230393	GELC
R-2	906.4	06/30/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0734	0.16	0.535	—	pCi/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.406	0.157	0.466	—	pCi/L	Y	U	UJ	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.186	0.0871	0.28	—	pCi/L	Y	U	UJ	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.47	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2290	CAPU-19-181510	GELC
R-2	906.4	08/31/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.57	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206460	GELC
R-2	906.4	08/31/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.57	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206457	GELC
R-2	906.4	06/22/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229577	GELC
R-2	906.4	06/22/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229579	GELC
R-2	906.4	06/30/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.54	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.58	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.61	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/26/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	120	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2290	CAPU-19-181510	GELC
R-2	906.4	08/31/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	—	J	N3B-2020-1650	CAPU-20-206457	GELC
R-2	906.4	08/31/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	3.4	mg/L	Y	—	J	N3B-2020-1650	CAPU-20-206460	GELC
R-2	906.4	06/22/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	153	—	—	3.4	mg/L	Y	—	J+	N3B-2021-1920	CAPU-21-229577	GELC
R-2	906.4	06/22/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	169	—	—	3.4	mg/L	Y	—	J+	N3B-2021-1920	CAPU-21-229579	GELC
R-2	906.4	06/30/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	130	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	131	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/26/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.37	—	—	0.33	mg/L	Y	—	NQ	N3B-2019-2290	CAPU-19-181511	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	1.34	—	—	0.33	mg/L	Y	—	J+	N3B-2020-1650	CAPU-20-206458	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-2	906.4	08/31/2020	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	1.4	—	—	0.33	mg/L	Y	—	J+	N3B-2020-1650	CAPU-20-206461	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2021-1920	CAPU-21-229576	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2021-1920	CAPU-21-230393	GELC
R-2	906.4	06/30/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.402	—	—	0.33	mg/L	Y	J	J	N3B-2022-2111	CAPU-22-253061	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.393	—	—	0.33	mg/L	Y	J	J	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.431	—	—	0.33	mg/L	Y	J	J	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.24	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2290	CAPU-19-181510	GELC
R-2	906.4	08/31/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.273	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206457	GELC
R-2	906.4	06/22/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.196	—	—	0.067	µg/L	Y	J	J	N3B-2021-1920	CAPU-21-229577	GELC
R-2	906.4	06/22/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	0.199	—	—	0.067	µg/L	Y	J	J	N3B-2021-1920	CAPU-21-229579	GELC
R-2	906.4	06/30/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.204	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.194	—	—	0.067	µg/L	Y	J	J	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	0.19	—	—	0.067	µg/L	Y	J	J	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/26/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.254	0.037	0.105	—	pCi/L	Y	—	NQ	N3B-2019-2290	CAPU-19-181511	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.198	0.0343	0.102	—	pCi/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206458	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.156	0.0412	0.141	—	pCi/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206461	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.162	0.027	0.0658	—	pCi/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229576	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.217	0.0301	0.0654	—	pCi/L	Y	—	NQ	N3B-2021-1920	CAPU-21-230393	GELC
R-2	906.4	06/30/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.183	0.0255	0.0455	—	pCi/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253061	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.201	0.0242	0.0555	—	pCi/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.165	0.0218	0.0515	—	pCi/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/26/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00605	0.00909	0.0886	—	pCi/L	Y	U	U	N3B-2019-2290	CAPU-19-181511	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0152	0.0129	0.0673	—	pCi/L	Y	U	U	N3B-2020-1650	CAPU-20-206458	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.0128	0.012	0.0929	—	pCi/L	Y	U	U	N3B-2020-1650	CAPU-20-206461	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0148	0.0104	0.0539	—	pCi/L	Y	U	U	N3B-2021-1920	CAPU-21-229576	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.022	0.0137	0.0536	—	pCi/L	Y	U	UJ	N3B-2021-1920	CAPU-21-230393	GELC
R-2	906.4	06/30/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00315	0.00833	0.0473	—	pCi/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0169	0.00799	0.0529	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0104	0.00739	0.0491	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/26/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0832	0.0218	0.0838	—	pCi/L	Y	U	U	N3B-2019-2290	CAPU-19-181511	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0885	0.0248	0.0912	—	pCi/L	Y	U	U	N3B-2020-1650	CAPU-20-206458	GELC
R-2	906.4	08/31/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.105	0.0341	0.126	—	pCi/L	Y	U	U	N3B-2020-1650	CAPU-20-206461	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0567	0.0161	0.0685	—	pCi/L	Y	U	UJ	N3B-2021-1920	CAPU-21-229576	GELC
R-2	906.4	06/22/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0564	0.019	0.0681	—	pCi/L	Y	U	UJ	N3B-2021-1920	CAPU-21-230393	GELC
R-2	906.4	06/30/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0841	0.0172	0.0523	—	pCi/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253061	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0569	0.0129	0.0533	—	pCi/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287728	GELC
R-2	906.4	06/12/2023	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0801	0.0142	0.0494	—	pCi/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287730	GELC
R-2	906.4	06/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	8.27	—	—	1	µg/L	Y	—	NQ	N3B-2019-2290	CAPU-19-181510	GELC
R-2	906.4	08/31/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	8.19	—	—	1	µg/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206457	GELC
R-2	906.4	08/31/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	8.33	—	—	1	µg/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206460	GELC
R-2	906.4	06/22/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.86	—	—	1	µg/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229577	GELC
R-2	906.4	06/22/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.95	—	—	1	µg/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229579	GELC
R-2	906.4	06/30/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	7.77	—	—	1	µg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	7.01	—	—	1	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Vanadium	V	Y	7.03	—	—	1	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-2	906.4	06/26/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	9.8	—	—	3.3	µg/L	Y	J	U	N3B-2019-2290	CAPU-19-181510	GELC
R-2	906.4	08/31/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	43.1	—	—	3.3	µg/L	Y	—	J+	N3B-2020-1650	CAPU-20-206457	GELC
R-2	906.4	08/31/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	42.1	—	—	3.3	µg/L	Y	—	J+	N3B-2020-1650	CAPU-20-206460	GELC
R-2	906.4	06/22/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	27.6	—	—	3.3	µg/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229577	GELC
R-2	906.4	06/22/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	27	—	—	3.3	µg/L	Y	—	NQ	N3B-2021-1920	CAPU-21-229579	GELC
R-2	906.4	06/30/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	36.2	—	—	3.3	µg/L	Y	—	J+	N3B-2022-2111	CAPU-22-253062	GELC
R-2	906.4	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	36.5	—	—	3.3	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287729	GELC
R-2	906.4	06/12/2023	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Zinc	Zn	Y	37.5	—	—	3.3	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287731	GELC
R-24	825.0	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.11	—	—	0.01	SU	Y	H	NQ	N3B-2019-2202	CAPU-19-181512	GELC
R-24	825.0	08/27/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.1	—	—	0.01	SU	Y	H	NQ	N3B-2020-1626	CAPU-20-206462	GELC
R-24	825.0	06/11/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.03	—	—	0.01	SU	Y	H	J	N3B-2021-1820	CAPU-21-229581	GELC
R-24	825.0	06/17/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.03	—	—	0.01	SU	Y	H	J	N3B-2022-1759	CAPU-22-250845	GELC
R-24	825.0	06/17/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.04	—	—	0.01	SU	Y	H	J	N3B-2022-1759	CAPU-22-250878	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.01	—	—	0.01	SU	Y	H	J	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	104	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2202	CAPU-19-181512	GELC
R-24	825.0	08/27/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	103	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1626	CAPU-20-206462	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-24	825.0	06/11/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	109	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-1820	CAPU-21-229581	GELC
R-24	825.0	06/17/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	109	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC
R-24	825.0	06/17/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	110	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	107	—	—	0.725	mg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/14/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0114	0.011	0.0332	—	pCi/L	Y	U	U	N3B-2019-2202	CAPU-19-181513	GELC
R-24	825.0	08/27/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00874	0.0135	0.0396	—	pCi/L	Y	U	U	N3B-2020-1626	CAPU-20-206463	GELC
R-24	825.0	06/11/2021	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00651	0.00797	0.0578	—	pCi/L	Y	U	U	N3B-2021-1820	CAPU-21-229580	GELC
R-24	825.0	06/17/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0031	0.012	0.0587	—	pCi/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC
R-24	825.0	06/17/2022	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00231	0.00692	0.0438	—	pCi/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00783	0.00942	0.0483	—	pCi/L	Y	U	UJ	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	4.09	—	—	2	µg/L	Y	J	J	N3B-2019-2202	CAPU-19-181512	GELC
R-24	825.0	08/27/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	5.46	—	—	2	µg/L	Y	—	U	N3B-2020-1626	CAPU-20-206462	GELC
R-24	825.0	06/11/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.23	—	—	2	µg/L	Y	J	J	N3B-2021-1820	CAPU-21-229581	GELC
R-24	825.0	06/17/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	Y	4.51	—	—	2	µg/L	Y	J	J	N3B-2022-1759	CAPU-22-250878	GELC
R-24	825.0	06/17/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	4.18	—	—	2	µg/L	Y	J	J	N3B-2022-1759	CAPU-22-250845	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.99	—	—	2	µg/L	Y	J	J	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	42.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-2202	CAPU-19-181512	GELC
R-24	825.0	08/27/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	45	—	—	1	µg/L	Y	—	NQ	N3B-2020-1626	CAPU-20-206462	GELC
R-24	825.0	06/11/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	45.1	—	—	1	µg/L	Y	—	NQ	N3B-2021-1820	CAPU-21-229581	GELC
R-24	825.0	06/17/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Barium	Ba	Y	47	—	—	1	µg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC
R-24	825.0	06/17/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	46.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	45	—	—	1	µg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	45.2	—	—	15	µg/L	Y	J	J	N3B-2019-2202	CAPU-19-181512	GELC
R-24	825.0	08/27/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	59.2	—	—	15	µg/L	Y	—	NQ	N3B-2020-1626	CAPU-20-206462	GELC
R-24	825.0	06/11/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	41.9	—	—	15	µg/L	Y	J	J	N3B-2021-1820	CAPU-21-229581	GELC
R-24	825.0	06/17/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Boron	B	Y	53.5	—	—	15	µg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC
R-24	825.0	06/17/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	52.2	—	—	15	µg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	49.5	—	—	15	µg/L	Y	J	J	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2019-2202	CAPU-19-181512	GELC
R-24	825.0	08/27/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2020-1626	CAPU-20-206462	GELC
R-24	825.0	06/11/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2021-1820	CAPU-21-229581	GELC
R-24	825.0	06/17/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2022-1759	CAPU-22-250845	GELC
R-24	825.0	06/17/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2022-1759	CAPU-22-250878	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0731	—	—	0.067	mg/L	Y	J	J+	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2202	CAPU-19-181512	GELC
R-24	825.0	08/27/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1626	CAPU-20-206462	GELC
R-24	825.0	06/11/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.8	—	—	0.05	mg/L	Y	—	J+	N3B-2021-1820	CAPU-21-229581	GELC
R-24	825.0	06/17/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Calcium	Ca	Y	23.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC
R-24	825.0	06/17/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	22.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	20.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/14/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.515	1.62	5.69	—	pCi/L	Y	U	U	N3B-2019-2202	CAPU-19-181513	GELC
R-24	825.0	08/27/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.902	0.919	3.55	—	pCi/L	Y	U	U	N3B-2020-1626	CAPU-20-206463	GELC
R-24	825.0	06/11/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.42	1.17	4.22	—	pCi/L	Y	U	U	N3B-2021-1820	CAPU-21-229580	GELC
R-24	825.0	06/17/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.05	1.66	4.92	—	pCi/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC
R-24	825.0	06/17/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.55	1.14	4.24	—	pCi/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.847	1.9	7.53	—	pCi/L	Y	U	U	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.31	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2202	CAPU-19-181512	GELC
R-24	825.0	08/27/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.56	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1626	CAPU-20-206462	GELC
R-24	825.0	06/11/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.79	—	—	0.067	mg/L	Y	—	J+	N3B-2021-1820	CAPU-21-229581	GELC
R-24	825.0	06/17/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.12	—	—	0.067	mg/L	Y	—	J+	N3B-2022-1759	CAPU-22-250845	GELC
R-24	825.0	06/17/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.1	—	—	0.067	mg/L	Y	—	J+	N3B-2022-1759	CAPU-22-250878	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.93	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/14/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.16	1.49	4.79	—	pCi/L	Y	U	U	N3B-2019-2202	CAPU-19-181513	GELC
R-24	825.0	08/27/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.465	1.18	4.29	—	pCi/L	Y	U	U	N3B-2020-1626	CAPU-20-206463	GELC
R-24	825.0	06/11/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.61	1.37	6.23	—	pCi/L	Y	U	U	N3B-2021-1820	CAPU-21-229580	GELC
R-24	825.0	06/17/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0519	1.12	4.36	—	pCi/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC
R-24	825.0	06/17/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.00825	0.949	3.6	—	pCi/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.56	1.71	7.58	—	pCi/L	Y	U	U	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.423	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2202	CAPU-19-181512	GELC
R-24	825.0	08/27/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.413	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1626	CAPU-20-206462	GELC
R-24	825.0	06/11/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.264	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1820	CAPU-21-229581	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-24	825.0	06/17/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.353	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC
R-24	825.0	06/17/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.35	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.322	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/14/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.37	1.13	3.18	—	pCi/L	Y	U	U	N3B-2019-2202	CAPU-19-181513	GELC
R-24	825.0	08/27/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.223	0.596	2.42	—	pCi/L	Y	U	U	N3B-2020-1626	CAPU-20-206463	GELC
R-24	825.0	06/11/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.01	0.812	2.86	—	pCi/L	Y	U	UJ	N3B-2021-1820	CAPU-21-229580	GELC
R-24	825.0	06/17/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.143	0.69	2.87	—	pCi/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250844	GELC
R-24	825.0	06/17/2022	WG	UF	INIT	FD	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.323	0.719	2.86	—	pCi/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.822	0.574	1.91	—	pCi/L	Y	U	UJ	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/14/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.76	0.444	1.29	—	pCi/L	Y	—	NQ	N3B-2019-2202	CAPU-19-181513	GELC
R-24	825.0	08/27/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.07	0.764	1.94	—	pCi/L	Y	—	NQ	N3B-2020-1626	CAPU-20-206463	GELC
R-24	825.0	06/11/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.36	0.792	2.33	—	pCi/L	Y	—	NQ	N3B-2021-1820	CAPU-21-229580	GELC
R-24	825.0	06/17/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	1.4	0.887	2.92	—	pCi/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250844	GELC
R-24	825.0	06/17/2022	WG	UF	INIT	FD	RAD	EPA:900.0	Gross beta	GROSSB	Y	5.03	1.04	2.86	—	pCi/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250877	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	4.17	0.921	2.4	—	pCi/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2202	CAPU-19-181512	GELC
R-24	825.0	08/27/2020	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1626	CAPU-20-206462	GELC
R-24	825.0	06/11/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	66.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-1820	CAPU-21-229581	GELC
R-24	825.0	06/17/2022	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	73.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC
R-24	825.0	06/17/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	73.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	66.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.22	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2202	CAPU-19-181512	GELC
R-24	825.0	08/27/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.96	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1626	CAPU-20-206462	GELC
R-24	825.0	06/11/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.53	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-1820	CAPU-21-229581	GELC
R-24	825.0	06/17/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.94	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC
R-24	825.0	06/17/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.94	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.67	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.55	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2202	CAPU-19-181512	GELC
R-24	825.0	08/27/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.29	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1626	CAPU-20-206462	GELC
R-24	825.0	06/11/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.49	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-1820	CAPU-21-229581	GELC
R-24	825.0	06/17/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.53	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC
R-24	825.0	06/17/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.61	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.89	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/14/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.09	2.71	10.7	—	pCi/L	Y	U	U	N3B-2019-2202	CAPU-19-181513	GELC
R-24	825.0	08/27/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.4	1.97	7.47	—	pCi/L	Y	U	U	N3B-2020-1626	CAPU-20-206463	GELC
R-24	825.0	06/11/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.474	2.15	7.95	—	pCi/L	Y	U	U	N3B-2021-1820	CAPU-21-229580	GELC
R-24	825.0	06/17/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.4	2.02	7.46	—	pCi/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC
R-24	825.0	06/17/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.4	1.74	5.9	—	pCi/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.65	2.78	8.95	—	pCi/L	Y	U	U	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.53	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2202	CAPU-19-181512	GELC
R-24	825.0	08/27/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	3.93	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1626	CAPU-20-206462	GELC
R-24	825.0	06/11/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	5.57	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-1820	CAPU-21-229581	GELC
R-24	825.0	06/17/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Nickel	Ni	Y	4.76	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC
R-24	825.0	06/17/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	4.96	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	2.79	—	—	0.6	µg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.386	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2202	CAPU-19-181512	GELC
R-24	825.0	08/27/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.393	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1626	CAPU-20-206462	GELC
R-24	825.0	06/11/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.267	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-1820	CAPU-21-229581	GELC
R-24	825.0	06/17/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.241	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC
R-24	825.0	06/17/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.24	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.282	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/14/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.407	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2202	CAPU-19-181512	GELC
R-24	825.0	08/27/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.412	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1626	CAPU-20-206462	GELC
R-24	825.0	06/11/2021	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.297	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-1820	CAPU-21-229581	GELC
R-24	825.0	06/17/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.268	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC
R-24	825.0	06/17/2022	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.265	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.307	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/14/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0207	0.00966	0.0456	—	pCi/L	Y	U	U	N3B-2019-2202	CAPU-19-181513	GELC
R-24	825.0	08/27/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0194	0.00714	0.0468	—	pCi/L	Y	U	U	N3B-2020-1626	CAPU-20-206463	GELC
R-24	825.0	06/11/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00918	0.0719	—	pCi/L	Y	U	U	N3B-2021-1820	CAPU-21-229580	GELC
R-24	825.0	06/17/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.037	0.0203	0.0758	—	pCi/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250844	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-24	825.0	06/17/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00625	0.0522	—	pCi/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250877	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00641	0.00932	0.0436	—	pCi/L	Y	U	U	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/14/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00774	0.0118	0.0499	—	pCi/L	Y	U	U	N3B-2019-2202	CAPU-19-181513	GELC
R-24	825.0	08/27/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0043	0.0101	0.0633	—	pCi/L	Y	U	U	N3B-2020-1626	CAPU-20-206463	GELC
R-24	825.0	06/11/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00871	0.0112	0.0729	—	pCi/L	Y	U	U	N3B-2021-1820	CAPU-21-229580	GELC
R-24	825.0	06/17/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0444	0.0189	0.0666	—	pCi/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250844	GELC
R-24	825.0	06/17/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0127	0.00677	0.0458	—	pCi/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250877	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.015	0.0119	0.0449	—	pCi/L	Y	U	U	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.86	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2202	CAPU-19-181512	GELC
R-24	825.0	08/27/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.32	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1626	CAPU-20-206462	GELC
R-24	825.0	06/11/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.56	—	—	0.05	mg/L	Y	E	J	N3B-2021-1820	CAPU-21-229581	GELC
R-24	825.0	06/17/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Potassium	K	Y	3.22	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC
R-24	825.0	06/17/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	3.13	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	3.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/14/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-32.9	21.4	71.9	—	pCi/L	Y	U	U	N3B-2019-2202	CAPU-19-181513	GELC
R-24	825.0	08/27/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	1.92	13.7	48.4	—	pCi/L	Y	U	U	N3B-2020-1626	CAPU-20-206463	GELC
R-24	825.0	06/11/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-14.5	15.9	57.2	—	pCi/L	Y	U	UJ	N3B-2021-1820	CAPU-21-229580	GELC
R-24	825.0	06/17/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.1	17.2	60.7	—	pCi/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250844	GELC
R-24	825.0	06/17/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	36	15.6	55.4	—	pCi/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250877	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-18.9	28.3	94.6	—	pCi/L	Y	U	U	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	01/22/2008	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.166	0.1	0.34	—	pCi/L	Y	U	U	08-562	CAPU-08-9903	GELC
R-24	825.0	08/27/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.602	0.223	0.649	—	pCi/L	Y	U	U	N3B-2020-1626	CAPU-20-206463	GELC
R-24	825.0	06/11/2021	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.845	0.256	0.681	—	pCi/L	Y	—	NQ	N3B-2021-1820	CAPU-21-229580	GELC
R-24	825.0	06/17/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	2.09	0.38	0.55	—	pCi/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250844	GELC
R-24	825.0	06/17/2022	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	2.03	0.34	0.488	—	pCi/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250877	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.522	0.15	0.321	—	pCi/L	Y	—	U	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	08/27/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	1.39	0.312	—	—	pCi/L	Y	—	NQ	N3B-2020-1626	CAPU-20-206463	GELC
R-24	825.0	06/11/2021	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.964	0.348	—	—	pCi/L	Y	—	NQ	N3B-2021-1820	CAPU-21-229580	GELC
R-24	825.0	06/17/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	2.73	0.461	—	—	pCi/L	Y	J	J	N3B-2022-1759	CAPU-22-250844	GELC
R-24	825.0	06/17/2022	WG	UF	INIT	FD	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	2.46	0.382	—	—	pCi/L	Y	J	J	N3B-2022-1759	CAPU-22-250877	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	1.13	0.302	—	—	pCi/L	Y	J	UJ	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	01/22/2008	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.553	0.14	0.35	—	pCi/L	Y	—	NQ	08-562	CAPU-08-9903	GELC
R-24	825.0	08/27/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.783	0.217	0.621	—	pCi/L	Y	—	NQ	N3B-2020-1626	CAPU-20-206463	GELC
R-24	825.0	06/11/2021	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.119	0.236	0.824	—	pCi/L	Y	U	U	N3B-2021-1820	CAPU-21-229580	GELC
R-24	825.0	06/17/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.644	0.261	0.776	—	pCi/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250844	GELC
R-24	825.0	06/17/2022	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.424	0.174	0.503	—	pCi/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250877	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.608	0.263	0.79	—	pCi/L	Y	U	UJ	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	55.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2202	CAPU-19-181512	GELC
R-24	825.0	08/27/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	57.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1626	CAPU-20-206462	GELC
R-24	825.0	06/11/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	50.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-1820	CAPU-21-229581	GELC
R-24	825.0	06/17/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	54.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC
R-24	825.0	06/17/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	53.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	53	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	21.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2202	CAPU-19-181512	GELC
R-24	825.0	08/27/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	24.2	—	—	0.1	mg/L	Y	—	J-	N3B-2020-1626	CAPU-20-206462	GELC
R-24	825.0	06/11/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	23.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-1820	CAPU-21-229581	GELC
R-24	825.0	06/17/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Sodium	Na	Y	24.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC
R-24	825.0	06/17/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	23.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	24	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/14/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	5.44	1.92	4.72	—	pCi/L	Y	UI	U	N3B-2019-2202	CAPU-19-181513	GELC
R-24	825.0	08/27/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.41	1.22	4.92	—	pCi/L	Y	U	U	N3B-2020-1626	CAPU-20-206463	GELC
R-24	825.0	06/11/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.08	1.06	3.35	—	pCi/L	Y	U	U	N3B-2021-1820	CAPU-21-229580	GELC
R-24	825.0	06/17/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.657	1.02	4.25	—	pCi/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC
R-24	825.0	06/17/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.303	0.869	3.43	—	pCi/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.104	1.92	7.57	—	pCi/L	Y	U	U	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	240	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2202	CAPU-19-181512	GELC
R-24	825.0	08/27/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	241	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1626	CAPU-20-206462	GELC
R-24	825.0	06/11/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	241	—	—	1	µS/cm	Y	—	NQ	N3B-2021-1820	CAPU-21-229581	GELC
R-24	825.0	06/17/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	263	—	—	1	µS/cm	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC
R-24	825.0	06/17/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	263	—	—	1	µS/cm	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	252	—	—	1	µS/cm	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-24	825.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	103	—	—	1	µg/L	Y	—	NQ	N3B-2019-2202	CAPU-19-181512	GELC
R-24	825.0	08/27/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	128	—	—	1	µg/L	Y	—	NQ	N3B-2020-1626	CAPU-20-206462	GELC
R-24	825.0	06/11/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	122	—	—	1	µg/L	Y	—	NQ	N3B-2021-1820	CAPU-21-229581	GELC
R-24	825.0	06/17/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Strontium	Sr	Y	123	—	—	1	µg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC
R-24	825.0	06/17/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	121	—	—	1	µg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	119	—	—	1	µg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/14/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.363	0.152	0.483	—	pCi/L	Y	U	U	N3B-2019-2202	CAPU-19-181513	GELC
R-24	825.0	08/27/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.203	0.148	0.493	—	pCi/L	Y	U	U	N3B-2020-1626	CAPU-20-206463	GELC
R-24	825.0	06/11/2021	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	0.514	0.161	0.496	—	pCi/L	Y	—	J+	N3B-2021-1820	CAPU-21-229580	GELC
R-24	825.0	06/17/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.121	0.146	0.496	—	pCi/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC
R-24	825.0	06/17/2022	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.391	0.159	0.491	—	pCi/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250877	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.243	0.128	0.49	—	pCi/L	Y	U	UJ	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.97	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2202	CAPU-19-181512	GELC
R-24	825.0	08/27/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.58	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1626	CAPU-20-206462	GELC
R-24	825.0	06/11/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.66	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-1820	CAPU-21-229581	GELC
R-24	825.0	06/17/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.19	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC
R-24	825.0	06/17/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.16	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.45	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2202	CAPU-19-181512	GELC
R-24	825.0	08/27/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1626	CAPU-20-206462	GELC
R-24	825.0	06/11/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	177	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-1820	CAPU-21-229581	GELC
R-24	825.0	06/17/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	169	—	—	3.4	mg/L	Y	—	J	N3B-2022-1759	CAPU-22-250845	GELC
R-24	825.0	06/17/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	173	—	—	3.4	mg/L	Y	—	J	N3B-2022-1759	CAPU-22-250878	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	175	—	—	2.38	mg/L	Y	—	J	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/14/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2019-2202	CAPU-19-181512	GELC
R-24	825.0	08/27/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2020-1626	CAPU-20-206462	GELC
R-24	825.0	06/11/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0431	—	—	0.02	mg/L	Y	J	J	N3B-2021-1820	CAPU-21-229581	GELC
R-24	825.0	06/17/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.027	—	—	0.02	mg/L	Y	J	J	N3B-2022-1759	CAPU-22-250845	GELC
R-24	825.0	06/17/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.032	—	—	0.02	mg/L	Y	J	J	N3B-2022-1759	CAPU-22-250878	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.024	—	—	0.02	mg/L	Y	J	J	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.21	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2202	CAPU-19-181512	GELC
R-24	825.0	08/27/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.17	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1626	CAPU-20-206462	GELC
R-24	825.0	06/11/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.27	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-1820	CAPU-21-229581	GELC
R-24	825.0	06/17/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	1.56	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC
R-24	825.0	06/17/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.62	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.35	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/14/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.664	0.0373	0.0486	—	pCi/L	Y	—	NQ	N3B-2019-2202	CAPU-19-181513	GELC
R-24	825.0	08/27/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.665	0.0384	0.0478	—	pCi/L	Y	—	NQ	N3B-2020-1626	CAPU-20-206463	GELC
R-24	825.0	06/11/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.723	0.0654	0.107	—	pCi/L	Y	—	NQ	N3B-2021-1820	CAPU-21-229580	GELC
R-24	825.0	06/17/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.902	0.0787	0.0686	—	pCi/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250844	GELC
R-24	825.0	06/17/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.774	0.0725	0.0712	—	pCi/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250877	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.797	0.0571	0.0543	—	pCi/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/14/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0272	0.0102	0.0407	—	pCi/L	Y	U	U	N3B-2019-2202	CAPU-19-181513	GELC
R-24	825.0	08/27/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0227	0.0091	0.0311	—	pCi/L	Y	U	U	N3B-2020-1626	CAPU-20-206463	GELC
R-24	825.0	06/11/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00602	0.0104	0.0881	—	pCi/L	Y	U	U	N3B-2021-1820	CAPU-21-229580	GELC
R-24	825.0	06/17/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.038	0.0152	0.0713	—	pCi/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250844	GELC
R-24	825.0	06/17/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0444	0.0193	0.0741	—	pCi/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250877	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0193	0.0083	0.0518	—	pCi/L	Y	U	U	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/14/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.374	0.0282	0.0386	—	pCi/L	Y	—	NQ	N3B-2019-2202	CAPU-19-181513	GELC
R-24	825.0	08/27/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.388	0.0294	0.0427	—	pCi/L	Y	—	NQ	N3B-2020-1626	CAPU-20-206463	GELC
R-24	825.0	06/11/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.478	0.052	0.112	—	pCi/L	Y	—	NQ	N3B-2021-1820	CAPU-21-229580	GELC
R-24	825.0	06/17/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.519	0.0545	0.0788	—	pCi/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250844	GELC
R-24	825.0	06/17/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.471	0.0526	0.0819	—	pCi/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250877	GELC
R-24	825.0	06/08/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.427	0.0376	0.0522	—	pCi/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287733	GELC
R-24	825.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	16.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-2202	CAPU-19-181512	GELC
R-24	825.0	08/27/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	18.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-1626	CAPU-20-206462	GELC
R-24	825.0	06/11/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	13.7	—	—	1	µg/L	Y	—	NQ	N3B-2021-1820	CAPU-21-229581	GELC
R-24	825.0	06/17/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Vanadium	V	Y	13.7	—	—	1	µg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC
R-24	825.0	06/17/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	13.6	—	—	1	µg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	14.9	—	—	1	µg/L	Y	—	NQ	N3B-2023-2990	CAPU-23-287734	GELC
R-24	825.0	06/14/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	21	—	—	3.3	µg/L	Y	—	J+	N3B-2019-2202	CAPU-19-181512	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-24	825.0	08/27/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	18.8	—	—	3.3	µg/L	Y	J	U	N3B-2020-1626	CAPU-20-206462	GELC
R-24	825.0	06/11/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	16.7	—	—	3.3	µg/L	Y	J	J	N3B-2021-1820	CAPU-21-229581	GELC
R-24	825.0	06/17/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Zinc	Zn	Y	17.1	—	—	3.3	µg/L	Y	J	J	N3B-2022-1759	CAPU-22-250878	GELC
R-24	825.0	06/17/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	16.3	—	—	3.3	µg/L	Y	J	J	N3B-2022-1759	CAPU-22-250845	GELC
R-24	825.0	06/08/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	12.1	—	—	3.3	µg/L	Y	J	J	N3B-2023-2990	CAPU-23-287734	GELC
R-3	974.5	06/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.42	—	—	0.01	SU	Y	H	NQ	N3B-2019-2212	CAPU-19-181514	GELC
R-3	974.5	09/08/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.48	—	—	0.01	SU	Y	H	NQ	N3B-2020-1720	CAPU-20-206466	GELC
R-3	974.5	06/17/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.51	—	—	0.01	SU	Y	H	J	N3B-2021-1870	CAPU-21-229583	GELC
R-3	974.5	06/17/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.51	—	—	0.01	SU	Y	H	J	N3B-2021-1870	CAPU-21-229585	GELC
R-3	974.5	06/22/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.54	—	—	0.01	SU	Y	H	J	N3B-2022-1882	CAPU-22-250849	GELC
R-3	974.5	06/22/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.55	—	—	0.01	SU	Y	H	J	N3B-2022-1882	CAPU-22-250881	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.39	—	—	0.01	SU	Y	H	J	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	85	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2212	CAPU-19-181514	GELC
R-3	974.5	09/08/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206466	GELC
R-3	974.5	06/17/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229583	GELC
R-3	974.5	06/17/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	85.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229585	GELC
R-3	974.5	06/22/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250849	GELC
R-3	974.5	06/22/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250881	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.2	—	—	0.725	mg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/17/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0116	0.0116	0.0337	—	pCi/L	Y	U	U	N3B-2019-2212	CAPU-19-181515	GELC
R-3	974.5	09/08/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0204	0.00864	0.0369	—	pCi/L	Y	U	U	N3B-2020-1720	CAPU-20-206467	GELC
R-3	974.5	06/17/2021	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0139	0.00656	0.0412	—	pCi/L	Y	U	U	N3B-2021-1870	CAPU-21-229582	GELC
R-3	974.5	06/17/2021	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0153	0.00956	0.0454	—	pCi/L	Y	U	U	N3B-2021-1870	CAPU-21-230394	GELC
R-3	974.5	06/22/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00256	0.00678	0.0485	—	pCi/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC
R-3	974.5	06/22/2022	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0217	0.00947	0.0515	—	pCi/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00717	0.0354	—	pCi/L	Y	U	U	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.75	—	—	2	µg/L	Y	J	J	N3B-2019-2212	CAPU-19-181514	GELC
R-3	974.5	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.82	—	—	2	µg/L	Y	J	J	N3B-2020-1720	CAPU-20-206466	GELC
R-3	974.5	06/17/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.38	—	—	2	µg/L	Y	J	J	N3B-2021-1870	CAPU-21-229583	GELC
R-3	974.5	06/17/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.24	—	—	2	µg/L	Y	J	J	N3B-2021-1870	CAPU-21-229585	GELC
R-3	974.5	06/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.95	—	—	2	µg/L	Y	J	J	N3B-2022-1882	CAPU-22-250849	GELC
R-3	974.5	06/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.06	—	—	2	µg/L	Y	J	J	N3B-2022-1882	CAPU-22-250881	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.83	—	—	2	µg/L	Y	J	J	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	42.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-2212	CAPU-19-181514	GELC
R-3	974.5	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	49.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206466	GELC
R-3	974.5	06/17/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	46.6	—	—	1	µg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229583	GELC
R-3	974.5	06/17/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	46.6	—	—	1	µg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229585	GELC
R-3	974.5	06/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	43.7	—	—	1	µg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250849	GELC
R-3	974.5	06/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Barium	Ba	Y	43.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250881	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	46.2	—	—	1	µg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.8	—	—	15	µg/L	Y	J	J	N3B-2019-2212	CAPU-19-181514	GELC
R-3	974.5	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	23.4	—	—	15	µg/L	Y	J	J	N3B-2020-1720	CAPU-20-206466	GELC
R-3	974.5	06/17/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	21.4	—	—	15	µg/L	Y	J	J	N3B-2021-1870	CAPU-21-229583	GELC
R-3	974.5	06/17/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	22.2	—	—	15	µg/L	Y	J	J	N3B-2021-1870	CAPU-21-229585	GELC
R-3	974.5	06/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	18.8	—	—	15	µg/L	Y	J	J	N3B-2022-1882	CAPU-22-250849	GELC
R-3	974.5	06/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Boron	B	Y	20.4	—	—	15	µg/L	Y	J	J	N3B-2022-1882	CAPU-22-250881	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	23.5	—	—	15	µg/L	Y	J	J	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2212	CAPU-19-181514	GELC
R-3	974.5	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206466	GELC
R-3	974.5	06/17/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229583	GELC
R-3	974.5	06/17/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229585	GELC
R-3	974.5	06/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	16.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250849	GELC
R-3	974.5	06/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Calcium	Ca	Y	16.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250881	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	17.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.547	1.29	4.11	—	pCi/L	Y	U	U	N3B-2019-2212	CAPU-19-181515	GELC
R-3	974.5	09/08/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.696	1.51	5.55	—	pCi/L	Y	U	U	N3B-2020-1720	CAPU-20-206467	GELC
R-3	974.5	06/17/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.353	0.978	3.64	—	pCi/L	Y	U	UJ	N3B-2021-1870	CAPU-21-229582	GELC
R-3	974.5	06/17/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.34	1.08	2.83	—	pCi/L	Y	U	UJ	N3B-2021-1870	CAPU-21-230394	GELC
R-3	974.5	06/22/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.06	0.988	3.05	—	pCi/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC
R-3	974.5	06/22/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.425	0.773	2.65	—	pCi/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.06	1.03	3.61	—	pCi/L	Y	U	U	N3B-2023-2850	CAPU-23-287735	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-3	974.5	06/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.29	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2212	CAPU-19-181514	GELC
R-3	974.5	09/08/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.22	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206466	GELC
R-3	974.5	06/17/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.06	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229583	GELC
R-3	974.5	06/17/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.06	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229585	GELC
R-3	974.5	06/22/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.33	—	—	0.067	mg/L	Y	—	J+	N3B-2022-1882	CAPU-22-250849	GELC
R-3	974.5	06/22/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.28	—	—	0.067	mg/L	Y	—	J+	N3B-2022-1882	CAPU-22-250881	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.09	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-2212	CAPU-19-181514	GELC
R-3	974.5	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-1720	CAPU-20-206466	GELC
R-3	974.5	06/17/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	—	—	3	µg/L	Y	U	U	N3B-2021-1870	CAPU-21-229583	GELC
R-3	974.5	06/17/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	—	—	3	µg/L	Y	U	U	N3B-2021-1870	CAPU-21-229585	GELC
R-3	974.5	06/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250849	GELC
R-3	974.5	06/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250881	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.12	—	—	3	µg/L	Y	J	J	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	4.13	1.78	6.65	—	pCi/L	Y	U	U	N3B-2019-2212	CAPU-19-181515	GELC
R-3	974.5	09/08/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.37	1.28	3.92	—	pCi/L	Y	U	U	N3B-2020-1720	CAPU-20-206467	GELC
R-3	974.5	06/17/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.79	1.11	4.71	—	pCi/L	Y	U	UJ	N3B-2021-1870	CAPU-21-229582	GELC
R-3	974.5	06/17/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.668	1.21	3.18	—	pCi/L	Y	U	UJ	N3B-2021-1870	CAPU-21-230394	GELC
R-3	974.5	06/22/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.13	0.788	2.38	—	pCi/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC
R-3	974.5	06/22/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.438	0.742	2.91	—	pCi/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.93	1.06	3.9	—	pCi/L	Y	U	UJ	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	06/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.394	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2212	CAPU-19-181514	GELC
R-3	974.5	09/08/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.325	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206466	GELC
R-3	974.5	06/17/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.282	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229583	GELC
R-3	974.5	06/17/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.266	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229585	GELC
R-3	974.5	06/22/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.422	—	—	0.033	mg/L	Y	—	J+	N3B-2022-1882	CAPU-22-250849	GELC
R-3	974.5	06/22/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.415	—	—	0.033	mg/L	Y	—	J+	N3B-2022-1882	CAPU-22-250881	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.439	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/17/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.44	1.15	3.33	—	pCi/L	Y	U	U	N3B-2019-2212	CAPU-19-181515	GELC
R-3	974.5	09/08/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	1.06	0.413	1	—	pCi/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206467	GELC
R-3	974.5	06/17/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.37	0.783	2.41	—	pCi/L	Y	U	UJ	N3B-2021-1870	CAPU-21-229582	GELC
R-3	974.5	06/17/2021	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.655	0.67	2.54	—	pCi/L	Y	U	U	N3B-2021-1870	CAPU-21-230394	GELC
R-3	974.5	06/22/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.312	0.787	2.97	—	pCi/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC
R-3	974.5	06/22/2022	WG	UF	INIT	FD	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.223	0.728	2.93	—	pCi/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.42	0.774	2.41	—	pCi/L	Y	U	UJ	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	06/17/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.02	0.449	1.37	—	pCi/L	Y	—	NQ	N3B-2019-2212	CAPU-19-181515	GELC
R-3	974.5	09/08/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.17	0.789	2.45	—	pCi/L	Y	U	U	N3B-2020-1720	CAPU-20-206467	GELC
R-3	974.5	06/17/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.33	0.895	2.76	—	pCi/L	Y	U	UJ	N3B-2021-1870	CAPU-21-229582	GELC
R-3	974.5	06/17/2021	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	2.63	0.886	2.62	—	pCi/L	Y	—	NQ	N3B-2021-1870	CAPU-21-230394	GELC
R-3	974.5	06/22/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	0.752	0.859	2.94	—	pCi/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC
R-3	974.5	06/22/2022	WG	UF	INIT	FD	RAD	EPA:900.0	Gross beta	GROSSB	N	1.88	0.898	2.9	—	pCi/L	Y	U	UJ	N3B-2022-1882	CAPU-22-250880	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	2.4	0.848	2.55	—	pCi/L	Y	U	UJ	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	06/17/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2212	CAPU-19-181514	GELC
R-3	974.5	09/08/2020	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206466	GELC
R-3	974.5	06/17/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229583	GELC
R-3	974.5	06/17/2021	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229585	GELC
R-3	974.5	06/22/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250849	GELC
R-3	974.5	06/22/2022	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250881	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.96	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2212	CAPU-19-181514	GELC
R-3	974.5	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.02	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206466	GELC
R-3	974.5	06/17/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.89	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229583	GELC
R-3	974.5	06/17/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.9	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229585	GELC
R-3	974.5	06/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	4.2	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250849	GELC
R-3	974.5	06/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	4.09	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250881	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	4.54	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.3	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2212	CAPU-19-181514	GELC
R-3	974.5	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.2	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206466	GELC
R-3	974.5	06/17/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.27	—	—	0.2	µg/L	Y	—	J+	N3B-2021-1870	CAPU-21-229583	GELC
R-3	974.5	06/17/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	N	1.21	—	—	0.2	µg/L	Y	—	U	N3B-2021-1870	CAPU-21-229585	GELC
R-3	974.5	06/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.17	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250849	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-3	974.5	06/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.16	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250881	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.23	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.91	2.54	9.92	—	pCi/L	Y	U	U	N3B-2019-2212	CAPU-19-181515	GELC
R-3	974.5	09/08/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.09	2.56	9.56	—	pCi/L	Y	U	U	N3B-2020-1720	CAPU-20-206467	GELC
R-3	974.5	06/17/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.66	2.14	7.35	—	pCi/L	Y	U	UJ	N3B-2021-1870	CAPU-21-229582	GELC
R-3	974.5	06/17/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.798	1.49	5.53	—	pCi/L	Y	U	UJ	N3B-2021-1870	CAPU-21-230394	GELC
R-3	974.5	06/22/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.222	1.36	4.93	—	pCi/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC
R-3	974.5	06/22/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.74	1.69	5.68	—	pCi/L	Y	U	UJ	N3B-2022-1882	CAPU-22-250880	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.931	1.8	6.25	—	pCi/L	Y	U	U	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	06/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.58	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-2212	CAPU-19-181514	GELC
R-3	974.5	09/08/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.554	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206466	GELC
R-3	974.5	06/17/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.584	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229583	GELC
R-3	974.5	06/17/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.585	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229585	GELC
R-3	974.5	06/22/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.565	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250849	GELC
R-3	974.5	06/22/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.579	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250881	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.614	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/17/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.632	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2212	CAPU-19-181514	GELC
R-3	974.5	09/08/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.575	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206466	GELC
R-3	974.5	06/17/2021	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.516	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229583	GELC
R-3	974.5	06/17/2021	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.516	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229585	GELC
R-3	974.5	06/22/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.532	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250849	GELC
R-3	974.5	06/22/2022	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.524	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250881	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.5	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0108	0.0084	0.0383	—	pCi/L	Y	U	U	N3B-2019-2212	CAPU-19-181515	GELC
R-3	974.5	09/08/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0087	0.00615	0.0473	—	pCi/L	Y	U	U	N3B-2020-1720	CAPU-20-206467	GELC
R-3	974.5	06/17/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00653	0.0113	0.0808	—	pCi/L	Y	U	U	N3B-2021-1870	CAPU-21-229582	GELC
R-3	974.5	06/17/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00353	0.0137	0.0873	—	pCi/L	Y	U	U	N3B-2021-1870	CAPU-21-230394	GELC
R-3	974.5	06/22/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00835	0.0167	0.0854	—	pCi/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC
R-3	974.5	06/22/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00709	0.0593	—	pCi/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0163	0.0071	0.0416	—	pCi/L	Y	U	U	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	06/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0108	0.00894	0.0419	—	pCi/L	Y	U	U	N3B-2019-2212	CAPU-19-181515	GELC
R-3	974.5	09/08/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0087	0.0087	0.064	—	pCi/L	Y	U	U	N3B-2020-1720	CAPU-20-206467	GELC
R-3	974.5	06/17/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00923	0.0819	—	pCi/L	Y	U	U	N3B-2021-1870	CAPU-21-229582	GELC
R-3	974.5	06/17/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00705	0.0132	0.0885	—	pCi/L	Y	U	U	N3B-2021-1870	CAPU-21-230394	GELC
R-3	974.5	06/22/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0459	0.0209	0.075	—	pCi/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC
R-3	974.5	06/22/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00289	0.00868	0.0521	—	pCi/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00612	0.00613	0.0429	—	pCi/L	Y	U	U	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2212	CAPU-19-181514	GELC
R-3	974.5	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.25	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206466	GELC
R-3	974.5	06/17/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.19	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229583	GELC
R-3	974.5	06/17/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	2.23	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229585	GELC
R-3	974.5	06/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.14	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250849	GELC
R-3	974.5	06/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Potassium	K	Y	2.16	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250881	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.13	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	4.44	15.5	51.5	—	pCi/L	Y	U	U	N3B-2019-2212	CAPU-19-181515	GELC
R-3	974.5	09/08/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	44.2	20.4	52.8	—	pCi/L	Y	U	U	N3B-2020-1720	CAPU-20-206467	GELC
R-3	974.5	06/17/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	8.98	19.1	38.4	—	pCi/L	Y	U	UJ	N3B-2021-1870	CAPU-21-229582	GELC
R-3	974.5	06/17/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-2.82	11.4	40.4	—	pCi/L	Y	U	UJ	N3B-2021-1870	CAPU-21-230394	GELC
R-3	974.5	06/22/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	10.3	14.8	28.6	—	pCi/L	Y	U	UJ	N3B-2022-1882	CAPU-22-250848	GELC
R-3	974.5	06/22/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-39.3	15.7	40.1	—	pCi/L	Y	U	UJ	N3B-2022-1882	CAPU-22-250880	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-47.2	21.6	54.4	—	pCi/L	Y	U	U	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	09/08/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.54	0.19	0.511	—	pCi/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206467	GELC
R-3	974.5	06/17/2021	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.154	0.0907	0.295	—	pCi/L	Y	U	UJ	N3B-2021-1870	CAPU-21-229582	GELC
R-3	974.5	06/17/2021	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.404	0.104	0.246	—	pCi/L	Y	—	J-	N3B-2021-1870	CAPU-21-230394	GELC
R-3	974.5	06/22/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.31	0.101	0.212	—	pCi/L	Y	—	U	N3B-2022-1882	CAPU-22-250848	GELC
R-3	974.5	06/22/2022	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.932	0.186	0.204	—	pCi/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250880	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.384	0.2	0.606	—	pCi/L	Y	U	UJ	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	09/08/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.756	0.225	—	—	pCi/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206467	GELC
R-3	974.5	06/17/2021	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.722	0.205	—	—	pCi/L	Y	—	J-	N3B-2021-1870	CAPU-21-229582	GELC
R-3	974.5	06/17/2021	WG	UF	INIT	FD	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.947	0.211	—	—	pCi/L	Y	—	J-	N3B-2021-1870	CAPU-21-230394	GELC
R-3	974.5	06/22/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.934	0.307	—	—	pCi/L	Y	J	J	N3B-2022-1882	CAPU-22-250848	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-3	974.5	06/22/2022	WG	UF	INIT	FD	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	2.25	0.378	—	—	pCi/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250880	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	1.31	0.37	—	—	pCi/L	Y	J	J	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	09/08/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.216	0.121	0.393	—	pCi/L	Y	U	U	N3B-2020-1720	CAPU-20-206467	GELC
R-3	974.5	06/17/2021	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.568	0.183	0.542	—	pCi/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229582	GELC
R-3	974.5	06/17/2021	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.543	0.184	0.544	—	pCi/L	Y	U	UJ	N3B-2021-1870	CAPU-21-230394	GELC
R-3	974.5	06/22/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.624	0.29	0.896	—	pCi/L	Y	U	UJ	N3B-2022-1882	CAPU-22-250848	GELC
R-3	974.5	06/22/2022	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	Y	1.31	0.328	0.796	—	pCi/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250880	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.927	0.311	0.871	—	pCi/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2212	CAPU-19-181514	GELC
R-3	974.5	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206466	GELC
R-3	974.5	06/17/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229583	GELC
R-3	974.5	06/17/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229585	GELC
R-3	974.5	06/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	61.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250849	GELC
R-3	974.5	06/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	60.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250881	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	62.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2212	CAPU-19-181514	GELC
R-3	974.5	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206466	GELC
R-3	974.5	06/17/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229583	GELC
R-3	974.5	06/17/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229585	GELC
R-3	974.5	06/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250849	GELC
R-3	974.5	06/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250881	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/17/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.15	1.16	3.79	—	pCi/L	Y	U	U	N3B-2019-2212	CAPU-19-181515	GELC
R-3	974.5	09/08/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.594	1.48	5.46	—	pCi/L	Y	U	U	N3B-2020-1720	CAPU-20-206467	GELC
R-3	974.5	06/17/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.54	1.16	4.28	—	pCi/L	Y	U	UJ	N3B-2021-1870	CAPU-21-229582	GELC
R-3	974.5	06/17/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.16	0.801	2.69	—	pCi/L	Y	U	UJ	N3B-2021-1870	CAPU-21-230394	GELC
R-3	974.5	06/22/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.522	0.794	2.75	—	pCi/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC
R-3	974.5	06/22/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	1.36	0.739	2.56	—	pCi/L	Y	U	UJ	N3B-2022-1882	CAPU-22-250880	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.157	1.05	3.8	—	pCi/L	Y	U	U	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	06/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	185	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2212	CAPU-19-181514	GELC
R-3	974.5	09/08/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	180	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1720	CAPU-20-206466	GELC
R-3	974.5	06/17/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	191	—	—	1	µS/cm	Y	—	NQ	N3B-2021-1870	CAPU-21-229583	GELC
R-3	974.5	06/17/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	189	—	—	1	µS/cm	Y	—	NQ	N3B-2021-1870	CAPU-21-229585	GELC
R-3	974.5	06/22/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	181	—	—	1	µS/cm	Y	—	NQ	N3B-2022-1882	CAPU-22-250849	GELC
R-3	974.5	06/22/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	179	—	—	1	µS/cm	Y	—	NQ	N3B-2022-1882	CAPU-22-250881	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	188	—	—	1	µS/cm	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	93.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-2212	CAPU-19-181514	GELC
R-3	974.5	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	116	—	—	1	µg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206466	GELC
R-3	974.5	06/17/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	110	—	—	1	µg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229583	GELC
R-3	974.5	06/17/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	112	—	—	1	µg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229585	GELC
R-3	974.5	06/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	105	—	—	1	µg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250849	GELC
R-3	974.5	06/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Strontium	Sr	Y	105	—	—	1	µg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250881	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	107	—	—	1	µg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/17/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0666	0.13	0.472	—	pCi/L	Y	U	U	N3B-2019-2212	CAPU-19-181515	GELC
R-3	974.5	09/08/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0153	0.0893	0.305	—	pCi/L	Y	U	U	N3B-2020-1720	CAPU-20-206467	GELC
R-3	974.5	06/17/2021	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.421	0.145	0.463	—	pCi/L	Y	U	UJ	N3B-2021-1870	CAPU-21-229582	GELC
R-3	974.5	06/17/2021	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.249	0.146	0.48	—	pCi/L	Y	U	UJ	N3B-2021-1870	CAPU-21-230394	GELC
R-3	974.5	06/22/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.349	0.156	0.493	—	pCi/L	Y	U	UJ	N3B-2022-1882	CAPU-22-250848	GELC
R-3	974.5	06/22/2022	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.442	0.161	0.486	—	pCi/L	Y	U	UJ	N3B-2022-1882	CAPU-22-250880	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.308	0.125	0.397	—	pCi/L	Y	U	UJ	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	06/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.03	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2212	CAPU-19-181514	GELC
R-3	974.5	09/08/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.91	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206466	GELC
R-3	974.5	06/17/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.99	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229583	GELC
R-3	974.5	06/17/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.98	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229585	GELC
R-3	974.5	06/22/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250849	GELC
R-3	974.5	06/22/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.01	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250881	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.97	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	177	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2212	CAPU-19-181514	GELC
R-3	974.5	09/08/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	157	—	—	3.4	mg/L	Y	—	J+	N3B-2020-1720	CAPU-20-206466	GELC
R-3	974.5	06/17/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	166	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229583	GELC
R-3	974.5	06/17/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	149	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229585	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-3	974.5	06/22/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	149	—	—	3.4	mg/L	Y	—	J	N3B-2022-1882	CAPU-22-250849	GELC
R-3	974.5	06/22/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	156	—	—	3.4	mg/L	Y	—	J	N3B-2022-1882	CAPU-22-250881	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.852	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2212	CAPU-19-181514	GELC
R-3	974.5	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.794	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206466	GELC
R-3	974.5	06/17/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.841	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229583	GELC
R-3	974.5	06/17/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	0.859	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229585	GELC
R-3	974.5	06/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.79	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250849	GELC
R-3	974.5	06/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	0.819	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250881	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.858	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.55	0.0556	0.111	—	pCi/L	Y	—	NQ	N3B-2019-2212	CAPU-19-181515	GELC
R-3	974.5	09/08/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.543	0.0577	0.115	—	pCi/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206467	GELC
R-3	974.5	06/17/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.436	0.0369	0.058	—	pCi/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229582	GELC
R-3	974.5	06/17/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.514	0.0395	0.0551	—	pCi/L	Y	—	NQ	N3B-2021-1870	CAPU-21-230394	GELC
R-3	974.5	06/22/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.576	0.0526	0.0546	—	pCi/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250848	GELC
R-3	974.5	06/22/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.51	0.0491	0.0544	—	pCi/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250880	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.523	0.0523	0.0832	—	pCi/L	Y	—	J	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	06/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00646	0.0085	0.0936	—	pCi/L	Y	U	U	N3B-2019-2212	CAPU-19-181515	GELC
R-3	974.5	09/08/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0206	0.0141	0.0757	—	pCi/L	Y	U	U	N3B-2020-1720	CAPU-20-206467	GELC
R-3	974.5	06/17/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00651	0.0113	0.0476	—	pCi/L	Y	U	U	N3B-2021-1870	CAPU-21-229582	GELC
R-3	974.5	06/17/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0155	0.0103	0.0452	—	pCi/L	Y	U	U	N3B-2021-1870	CAPU-21-230394	GELC
R-3	974.5	06/22/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0227	0.0131	0.0568	—	pCi/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC
R-3	974.5	06/22/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0113	0.0113	0.0566	—	pCi/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0295	0.0127	0.0794	—	pCi/L	Y	U	UJ	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	06/17/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.238	0.0367	0.0885	—	pCi/L	Y	—	NQ	N3B-2019-2212	CAPU-19-181515	GELC
R-3	974.5	09/08/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.327	0.043	0.103	—	pCi/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206467	GELC
R-3	974.5	06/17/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.224	0.029	0.0604	—	pCi/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229582	GELC
R-3	974.5	06/17/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.238	0.0259	0.0574	—	pCi/L	Y	—	NQ	N3B-2021-1870	CAPU-21-230394	GELC
R-3	974.5	06/22/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.281	0.0343	0.0627	—	pCi/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250848	GELC
R-3	974.5	06/22/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.302	0.0354	0.0625	—	pCi/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250880	GELC
R-3	974.5	06/05/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.266	0.0342	0.0799	—	pCi/L	Y	—	J	N3B-2023-2850	CAPU-23-287735	GELC
R-3	974.5	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-2212	CAPU-19-181514	GELC
R-3	974.5	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	13.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206466	GELC
R-3	974.5	06/17/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	13.2	—	—	1	µg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229583	GELC
R-3	974.5	06/17/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	13	—	—	1	µg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229585	GELC
R-3	974.5	06/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	11.9	—	—	1	µg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250849	GELC
R-3	974.5	06/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Vanadium	V	Y	11.6	—	—	1	µg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250881	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	12.3	—	—	1	µg/L	Y	—	NQ	N3B-2023-2850	CAPU-23-287736	GELC
R-3	974.5	06/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	4.62	—	—	3.3	µg/L	Y	J	U	N3B-2019-2212	CAPU-19-181514	GELC
R-3	974.5	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	7.43	—	—	3.3	µg/L	Y	J	U	N3B-2020-1720	CAPU-20-206466	GELC
R-3	974.5	06/17/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2021-1870	CAPU-21-229583	GELC
R-3	974.5	06/17/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2021-1870	CAPU-21-229585	GELC
R-3	974.5	06/22/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	3.43	—	—	3.3	µg/L	Y	J	J	N3B-2022-1882	CAPU-22-250849	GELC
R-3	974.5	06/22/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Zinc	Zn	Y	3.73	—	—	3.3	µg/L	Y	J	J	N3B-2022-1882	CAPU-22-250881	GELC
R-3	974.5	06/05/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	4.78	—	—	3.3	µg/L	Y	J	J	N3B-2023-2850	CAPU-23-287736	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2021-894	CAAN-21-218085	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2021-894	CAAN-21-218087	GELC
R-31 S3	666.3	06/02/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	2.48	—	—	1.74	µg/L	Y	J	J	N3B-2021-1720	CAAN-21-229060	GELC
R-31 S3	666.3	09/20/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	—	—	1.74	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC
R-31 S3	666.3	09/20/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Acetone	67-64-1	N	2.48	—	—	1.74	µg/L	Y	J	U	N3B-2021-2677	CAAN-21-234439	GELC
R-31 S3	666.3	02/08/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	2.55	—	—	1.74	µg/L	Y	J	U	N3B-2022-904	CAAN-22-239735	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	2.99	—	—	1.74	µg/L	Y	J	J	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.66	—	—	0.01	SU	Y	H	J	N3B-2021-894	CAAN-21-218084	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.66	—	—	0.01	SU	Y	H	J	N3B-2021-894	CAAN-21-218086	GELC
R-31 S3	666.3	06/02/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.6	—	—	0.01	SU	Y	H	J	N3B-2021-1720	CAAN-21-229065	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.73	—	—	0.01	SU	Y	H	J	N3B-2021-2677	CAAN-21-234438	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.7	—	—	0.01	SU	Y	H	J	N3B-2021-2677	CAAN-21-234440	GELC
R-31 S3	666.3	02/08/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.54	—	—	0.01	SU	Y	H	J	N3B-2022-904	CAAN-22-239734	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.57	—	—	0.01	SU	Y	H	J	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.52	—	—	0.01	SU	Y	H	J	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218084	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-31 S3	666.3	02/19/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218086	GELC
R-31 S3	666.3	06/02/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-1720	CAAN-21-229065	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC
R-31 S3	666.3	02/08/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	08/19/2005	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00903	0.0075	0.031	—	pCi/L	Y	U	U	143804	GU0508G31R301	GELC
R-31 S3	666.3	11/30/2006	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.000147	0.0036	0.0202	—	pCi/L	Y	U	U	177228	GU06110G31R301	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.019	0.0076	0.039	—	pCi/L	Y	U	UJ	N3B-2021-894	CAAN-21-218085	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0132	0.00566	0.0387	—	pCi/L	Y	U	U	N3B-2021-894	CAAN-21-218087	GELC
R-31 S3	666.3	02/08/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0117	0.00924	0.0518	—	pCi/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0144	0.0866	—	pCi/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0781	—	—	0.017	mg/L	Y	—	J-	N3B-2021-894	CAAN-21-218084	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0833	—	—	0.017	mg/L	Y	—	J-	N3B-2021-894	CAAN-21-218086	GELC
R-31 S3	666.3	06/02/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0712	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-1720	CAAN-21-229065	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.03	—	—	0.017	mg/L	Y	J	U	N3B-2021-2677	CAAN-21-234438	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0464	—	—	0.017	mg/L	Y	J	U	N3B-2021-2677	CAAN-21-234440	GELC
R-31 S3	666.3	02/08/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.04	—	—	0.017	mg/L	Y	J	J	N3B-2022-904	CAAN-22-239734	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0221	—	—	0.017	mg/L	Y	J	J	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	06/02/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2021-1720	CAAN-21-229065	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234438	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234440	GELC
R-31 S3	666.3	02/08/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	2.44	—	—	2	µg/L	Y	J	U	N3B-2022-904	CAAN-22-239734	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.3	—	—	2	µg/L	Y	J	J	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	46.8	—	—	1	µg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218084	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	47.5	—	—	1	µg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218086	GELC
R-31 S3	666.3	06/02/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	46.8	—	—	1	µg/L	Y	—	NQ	N3B-2021-1720	CAAN-21-229065	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	38.3	—	—	1	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	38.2	—	—	1	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC
R-31 S3	666.3	02/08/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	39.8	—	—	1	µg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	37.8	—	—	1	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	06/02/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2021-1720	CAAN-21-229065	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2021-2677	CAAN-21-234438	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2021-2677	CAAN-21-234440	GELC
R-31 S3	666.3	02/08/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2022-904	CAAN-22-239734	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.0682	—	—	0.067	mg/L	Y	J	J	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218084	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218086	GELC
R-31 S3	666.3	06/02/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1720	CAAN-21-229065	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.52	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.54	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC
R-31 S3	666.3	02/08/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	9.91	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	9.04	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	9.12	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	08/19/2005	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.228	0.864	3.09	—	pCi/L	Y	U	U	143804	GU0508G31R301	GELC
R-31 S3	666.3	11/30/2006	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0513	0.807	2.91	—	pCi/L	Y	U	U	177228	GU06110G31R301	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.894	1.18	4.09	—	pCi/L	Y	U	U	N3B-2021-894	CAAN-21-218085	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.6	1.83	7.89	—	pCi/L	Y	U	U	N3B-2021-894	CAAN-21-218087	GELC
R-31 S3	666.3	02/08/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.717	1.52	5	—	pCi/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.96	1.67	3.86	—	pCi/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.93	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218084	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.11	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218086	GELC
R-31 S3	666.3	06/02/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.89	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-1720	CAAN-21-229065	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.82	—	—	0.067	mg/L	Y	—	J+	N3B-2021-2677	CAAN-21-234438	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.82	—	—	0.067	mg/L	Y	—	J+	N3B-2021-2677	CAAN-21-234440	GELC
R-31 S3	666.3	02/08/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.9	—	—	0.067	mg/L	Y	—	J+	N3B-2022-904	CAAN-22-239734	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.84	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.05	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	06/02/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2021-1720	CAAN-21-229065	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234438	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234440	GELC
R-31 S3	666.3	02/08/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239734	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	Y	1.01	—	—	1	µg/L	Y	J	J	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	08/19/2005	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.419	1.09	3.72	—	pCi/L	Y	U	U	143804	GU0508G31R301	GELC
R-31 S3	666.3	11/30/2006	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0849	0.906	3.15	—	pCi/L	Y	U	U	177228	GU06110G31R301	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.455	1.3	4.93	—	pCi/L	Y	U	U	N3B-2021-894	CAAN-21-218085	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.74	2.48	9.2	—	pCi/L	Y	U	UJ	N3B-2021-894	CAAN-21-218087	GELC
R-31 S3	666.3	02/08/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.08	1.55	6.03	—	pCi/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.911	0.878	2.87	—	pCi/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0784	—	—	0.0784	µg/L	Y	U	UJ	N3B-2021-894	CAAN-21-218085	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0802	—	—	0.0802	µg/L	Y	U	UJ	N3B-2021-894	CAAN-21-218087	GELC
R-31 S3	666.3	09/20/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.08	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC
R-31 S3	666.3	09/20/2021	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.08	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC
R-31 S3	666.3	02/08/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.08	—	—	0.08	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC
R-31 S3	666.3	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0782	—	—	0.0782	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258648	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	Y	1.31	—	—	0.0797	µg/L	Y	—	R	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.36	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218084	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.261	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218086	GELC
R-31 S3	666.3	06/02/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.287	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1720	CAAN-21-229065	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.518	—	—	0.033	mg/L	Y	—	J-	N3B-2021-2677	CAAN-21-234438	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.514	—	—	0.033	mg/L	Y	—	J-	N3B-2021-2677	CAAN-21-234440	GELC
R-31 S3	666.3	02/08/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.379	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.316	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.42	—	—	0.066	mg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	08/19/2005	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.681	0.65	2.81	—	pCi/L	Y	U	U	143804	GU0508G31R301	GELC
R-31 S3	666.3	11/30/2006	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.291	0.444	2.03	—	pCi/L	Y	U	U	177228	GU06110G31R301	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.13	0.673	2.07	—	pCi/L	Y	U	UJ	N3B-2021-894	CAAN-21-218085	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.124	0.743	3	—	pCi/L	Y	U	UJ	N3B-2021-894	CAAN-21-218087	GELC
R-31 S3	666.3	02/08/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.838	0.601	2.02	—	pCi/L	Y	U	UJ	N3B-2022-904	CAAN-22-239735	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	-1.23	0.524	2.75	—	pCi/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	08/19/2005	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.25	1.44	5.2	—	pCi/L	Y	—	J	143804	GU0508G31R301	GELC
R-31 S3	666.3	11/30/2006	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.115	0.552	1.96	—	pCi/L	Y	U	U	177228	GU06110G31R301	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.6	0.912	2.81	—	pCi/L	Y	U	UJ	N3B-2021-894	CAAN-21-218085	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.8	0.754	2.4	—	pCi/L	Y	U	UJ	N3B-2021-894	CAAN-21-218087	GELC
R-31 S3	666.3	02/08/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	2.32	0.738	2.11	—	pCi/L	Y	—	NQ	N3B-2022-904	CAAN-22-239735	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	-1.23	0.826	2.99	—	pCi/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218084	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218086	GELC
R-31 S3	666.3	06/02/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-1720	CAAN-21-229065	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	35	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	35.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC
R-31 S3	666.3	02/08/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	33.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	34.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	HMX	2691-41-0	N	0.0784	—	—	0.0784	µg/L	Y	U	UJ	N3B-2021-894	CAAN-21-218085	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	HMX	2691-41-0	N	0.0802	—	—	0.0802	µg/L	Y	U	UJ	N3B-2021-894	CAAN-21-218087	GELC
R-31 S3	666.3	09/20/2021	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	HMX	2691-41-0	N	0.08	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC
R-31 S3	666.3	09/20/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	HMX	2691-41-0	N	0.08	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC
R-31 S3	666.3	02/08/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	HMX	2691-41-0	N	0.08	—	—	0.08	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC
R-31 S3	666.3	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	HMX	2691-41-0	N	0.0782	—	—	0.0782	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258648	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	HMX	2691-41-0	Y	0.186	—	—	0.0797	µg/L	Y	J	R	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	598	—	—	30	µg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218084	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	Y	580	—	—	30	µg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218086	GELC
R-31 S3	666.3	06/02/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	811	—	—	30	µg/L	Y	—	NQ	N3B-2021-1720	CAAN-21-229065	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	493	—	—	30	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	Y	525	—	—	30	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC
R-31 S3	666.3	02/08/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	Y	761	—	—	30	µg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	Y	1290	—	—	30	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	Y	1110	—	—	30	µg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.92	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218084	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.89	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218086	GELC
R-31 S3	666.3	06/02/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.84	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-1720	CAAN-21-229065	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.72	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.75	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC
R-31 S3	666.3	02/08/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.02	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	2.76	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	2.91	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	100	—	—	2	µg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218084	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	Y	99.6	—	—	2	µg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218086	GELC
R-31 S3	666.3	06/02/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	114	—	—	2	µg/L	Y	—	NQ	N3B-2021-1720	CAAN-21-229065	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	87.5	—	—	2	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	Y	88.7	—	—	2	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC
R-31 S3	666.3	02/08/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	Y	94.4	—	—	2	µg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	Y	108	—	—	2	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	Y	102	—	—	2	µg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.91	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218084	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.86	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218086	GELC
R-31 S3	666.3	06/02/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.84	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-1720	CAAN-21-229065	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.56	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.66	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC
R-31 S3	666.3	02/08/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.79	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.74	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.63	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	08/19/2005	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-10.8	8.4	25.9	—	pCi/L	Y	U	U	143804	GU0508G31R301	GELC
R-31 S3	666.3	11/30/2006	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.61	4.96	12.7	—	pCi/L	Y	U	U	177228	GU06110G31R301	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.557	2.48	9.2	—	pCi/L	Y	U	U	N3B-2021-894	CAAN-21-218085	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.6	3.42	11.3	—	pCi/L	Y	U	U	N3B-2021-894	CAAN-21-218087	GELC
R-31 S3	666.3	02/08/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.0492	2.34	8.47	—	pCi/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.53	1.96	6.61	—	pCi/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	2.57	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218084	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Nickel	Ni	Y	2.54	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218086	GELC
R-31 S3	666.3	06/02/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	2.89	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-1720	CAAN-21-229065	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	1.81	—	—	0.6	µg/L	Y	J	J	N3B-2021-2677	CAAN-21-234438	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Nickel	Ni	Y	1.96	—	—	0.6	µg/L	Y	J	J	N3B-2021-2677	CAAN-21-234440	GELC
R-31 S3	666.3	02/08/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	2.26	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	2.75	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	2.48	—	—	0.6	µg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.427	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218084	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.428	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218086	GELC
R-31 S3	666.3	06/02/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.446	—	—	0.085	mg/L	Y	—	NQ	N3B-2021-1720	CAAN-21-229065	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.434	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.446	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC
R-31 S3	666.3	02/08/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.427	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.399	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.42	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	06/02/2021	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3	—	—	3	µg/L	Y	U	U	N3B-2021-1720	CAAN-21-229060	GELC
R-31 S3	666.3	09/20/2021	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	2.91	—	—	2.91	µg/L	N	U	U	N3B-2021-2677	CAAN-21-234439	GELC
R-31 S3	666.3	09/20/2021	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3	—	—	3	µg/L	N	U	U	N3B-2021-2677	CAAN-21-234437	GELC
R-31 S3	666.3	09/20/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrobenzene	98-95-3	N	0.08	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC
R-31 S3	666.3	09/20/2021	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrobenzene	98-95-3	N	0.08	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC
R-31 S3	666.3	02/08/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.98	—	—	2.98	µg/L	N	U	U	N3B-2022-904	CAAN-22-239735	GELC
R-31 S3	666.3	02/08/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrobenzene	98-95-3	N	0.08	—	—	0.08	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC
R-31 S3	666.3	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0782	—	—	0.0782	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258648	GELC
R-31 S3	666.3	02/13/2023	WG	UF	RE	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.92	—	—	2.92	µg/L	N	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.83	—	—	2.83	µg/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/13/2023	WG	UF	DL	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrobenzene	98-95-3	Y	567	—	—	3.99	µg/L	N	—	R	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.272	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218084	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.28	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218086	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-31 S3	666.3	06/02/2021	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.255	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-1720	CAAN-21-229065	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.257	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.248	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC
R-31 S3	666.3	02/08/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.25	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.225	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.265	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	08/19/2005	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00739	0.00818	0.051	—	pCi/L	Y	U	U	143804	GU0508G31R301	GELC
R-31 S3	666.3	11/30/2006	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00362	0.00513	0.0199	—	pCi/L	Y	U	U	177228	GU06110G31R301	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00798	0.00798	0.0543	—	pCi/L	Y	U	U	N3B-2021-894	CAAN-21-218085	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0155	0.00735	0.0452	—	pCi/L	Y	U	U	N3B-2021-894	CAAN-21-218087	GELC
R-31 S3	666.3	02/08/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00846	0.0129	0.0685	—	pCi/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00977	0.00649	0.0372	—	pCi/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	08/19/2005	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00246	0.00651	0.043	—	pCi/L	Y	U	U	143804	GU0508G31R301	GELC
R-31 S3	666.3	11/30/2006	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0163	0.00908	0.0132	—	pCi/L	Y	U	R	177228	GU06110G31R301	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00798	0.00959	0.0631	—	pCi/L	Y	U	U	N3B-2021-894	CAAN-21-218085	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00886	0.0117	0.0526	—	pCi/L	Y	U	U	N3B-2021-894	CAAN-21-218087	GELC
R-31 S3	666.3	02/08/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0197	0.0135	0.0608	—	pCi/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0176	0.00808	0.0337	—	pCi/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.88	—	—	0.05	mg/L	Y	—	J+	N3B-2021-894	CAAN-21-218084	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.85	—	—	0.05	mg/L	Y	—	J+	N3B-2021-894	CAAN-21-218086	GELC
R-31 S3	666.3	06/02/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.74	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1720	CAAN-21-229065	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.67	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.73	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC
R-31 S3	666.3	02/08/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	1.85	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	1.54	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	1.73	—	—	0.05	mg/L	Y	—	J+	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	08/19/2005	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	33.7	12.3	51.9	—	pCi/L	Y	U	U	143804	GU0508G31R301	GELC
R-31 S3	666.3	11/30/2006	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	14.4	15.6	33.1	—	pCi/L	Y	U	U	177228	GU06110G31R301	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-13.5	16.2	62.6	—	pCi/L	Y	U	UJ	N3B-2021-894	CAAN-21-218085	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	34.6	28.5	64.2	—	pCi/L	Y	U	UJ	N3B-2021-894	CAAN-21-218087	GELC
R-31 S3	666.3	02/08/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.8	17.5	60.1	—	pCi/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-27	17.1	54.7	—	pCi/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	12/16/2000	WG	UF	INIT	REG	RAD	Generic:Gamma Spec.	Radium-226	Ra-226	N	-8	33.5	35	—	pCi/L	Y	U	U	8171R	GW31-00-0005	PARA
R-31 S3	666.3	02/19/2021	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.445	0.141	0.377	—	pCi/L	Y	—	NQ	N3B-2021-894	CAAN-21-218085	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.29	0.101	0.222	—	pCi/L	Y	—	NQ	N3B-2021-894	CAAN-21-218087	GELC
R-31 S3	666.3	02/08/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.383	0.132	0.266	—	pCi/L	Y	—	NQ	N3B-2022-904	CAAN-22-239735	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.556	0.214	0.559	—	pCi/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.712	0.258	—	—	pCi/L	Y	—	NQ	N3B-2021-894	CAAN-21-218085	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	FD	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	1.2	0.234	—	—	pCi/L	Y	—	NQ	N3B-2021-894	CAAN-21-218087	GELC
R-31 S3	666.3	02/08/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.737	0.209	—	—	pCi/L	Y	—	NQ	N3B-2022-904	CAAN-22-239735	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	1.3	0.35	—	—	pCi/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.268	0.217	0.734	—	pCi/L	Y	U	U	N3B-2021-894	CAAN-21-218085	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	Y	0.906	0.212	0.577	—	pCi/L	Y	—	NQ	N3B-2021-894	CAAN-21-218087	GELC
R-31 S3	666.3	02/08/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.354	0.162	0.488	—	pCi/L	Y	U	UJ	N3B-2022-904	CAAN-22-239735	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.741	0.276	0.792	—	pCi/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	RDX	121-82-4	N	0.0784	—	—	0.0784	µg/L	Y	U	UJ	N3B-2021-894	CAAN-21-218085	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	RDX	121-82-4	N	0.0802	—	—	0.0802	µg/L	Y	U	UJ	N3B-2021-894	CAAN-21-218087	GELC
R-31 S3	666.3	09/20/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	RDX	121-82-4	N	0.08	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC
R-31 S3	666.3	09/20/2021	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	RDX	121-82-4	N	0.08	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC
R-31 S3	666.3	02/08/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	RDX	121-82-4	N	0.08	—	—	0.08	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC
R-31 S3	666.3	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	RDX	121-82-4	N	0.0782	—	—	0.0782	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258648	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	RDX	121-82-4	Y	9.48	—	—	0.0797	µg/L	Y	—	R	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218084	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218086	GELC
R-31 S3	666.3	06/02/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-1720	CAAN-21-229065	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	64	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC
R-31 S3	666.3	02/08/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	66	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	66.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	65.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218084	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-31 S3	666.3	02/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218086	GELC
R-31 S3	666.3	06/02/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-1720	CAAN-21-229065	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC
R-31 S3	666.3	02/08/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	11.4	—	—	0.1	mg/L	Y	N	J-	N3B-2022-904	CAAN-22-239734	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	08/19/2005	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.408	0.807	3.26	—	pCi/L	Y	U	U	143804	GU0508G31R301	GELC
R-31 S3	666.3	11/30/2006	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.54	0.988	3.34	—	pCi/L	Y	U	U	177228	GU06110G31R301	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.2	1.16	3.62	—	pCi/L	Y	U	U	N3B-2021-894	CAAN-21-218085	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.419	1.98	8	—	pCi/L	Y	U	U	N3B-2021-894	CAAN-21-218087	GELC
R-31 S3	666.3	02/08/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.35	1.43	4.82	—	pCi/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.09	0.987	2.65	—	pCi/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	128	—	—	1	µS/cm	Y	—	NQ	N3B-2021-894	CAAN-21-218084	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	128	—	—	1	µS/cm	Y	—	NQ	N3B-2021-894	CAAN-21-218086	GELC
R-31 S3	666.3	06/02/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132	—	—	1	µS/cm	Y	—	NQ	N3B-2021-1720	CAAN-21-229065	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	119	—	—	1	µS/cm	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	118	—	—	1	µS/cm	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC
R-31 S3	666.3	02/08/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	118	—	—	1	µS/cm	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	122	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	114	—	—	1	µS/cm	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	48.6	—	—	1	µg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218084	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	48.3	—	—	1	µg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218086	GELC
R-31 S3	666.3	06/02/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	46	—	—	1	µg/L	Y	—	NQ	N3B-2021-1720	CAAN-21-229065	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	44.5	—	—	1	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	45	—	—	1	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC
R-31 S3	666.3	02/08/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	50.8	—	—	1	µg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	43.8	—	—	1	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	44.6	—	—	1	µg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	08/19/2005	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	0.228	0.0599	0.22	—	pCi/L	Y	—	J	143804	GU0508G31R301	GELC
R-31 S3	666.3	11/30/2006	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.104	0.106	0.355	—	pCi/L	Y	U	U	177228	GU06110G31R301	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0961	0.13	0.465	—	pCi/L	Y	U	UJ	N3B-2021-894	CAAN-21-218085	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.13	0.113	0.479	—	pCi/L	Y	U	UJ	N3B-2021-894	CAAN-21-218087	GELC
R-31 S3	666.3	02/08/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.2	0.0774	0.244	—	pCi/L	Y	U	UJ	N3B-2022-904	CAAN-22-239735	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0505	0.11	0.375	—	pCi/L	Y	U	U	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.15	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218084	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.16	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218086	GELC
R-31 S3	666.3	06/02/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.15	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-1720	CAAN-21-229065	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.09	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.08	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC
R-31 S3	666.3	02/08/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.12	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.04	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.08	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	TATB	3058-38-6	N	0.294	—	—	0.294	µg/L	Y	U	UJ	N3B-2021-894	CAAN-21-218085	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	TATB	3058-38-6	N	0.301	—	—	0.301	µg/L	Y	U	UJ	N3B-2021-894	CAAN-21-218087	GELC
R-31 S3	666.3	09/20/2021	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	TATB	3058-38-6	N	0.3	—	—	0.3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC
R-31 S3	666.3	09/20/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	TATB	3058-38-6	N	0.3	—	—	0.3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC
R-31 S3	666.3	02/08/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	TATB	3058-38-6	N	0.3	—	—	0.3	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC
R-31 S3	666.3	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	TATB	3058-38-6	N	0.293	—	—	0.293	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258648	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	TATB	3058-38-6	Y	0.414	—	—	0.299	µg/L	Y	J	R	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	N	163	—	—	3.4	mg/L	Y	—	U	N3B-2021-894	CAAN-21-218084	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	N	150	—	—	3.4	mg/L	Y	—	U	N3B-2021-894	CAAN-21-218086	GELC
R-31 S3	666.3	06/02/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	131	—	—	3.4	mg/L	Y	—	J	N3B-2021-1720	CAAN-21-229065	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	3.4	mg/L	Y	—	J+	N3B-2021-2677	CAAN-21-234438	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	3.4	mg/L	Y	—	J+	N3B-2021-2677	CAAN-21-234440	GELC
R-31 S3	666.3	02/08/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	130	—	—	3.4	mg/L	Y	—	J+	N3B-2022-904	CAAN-22-239734	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	110	—	—	2.38	mg/L	Y	—	J	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	101	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2021-894	CAAN-21-218085	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2021-894	CAAN-21-218087	GELC
R-31 S3	666.3	06/02/2021	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.148	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1720	CAAN-21-229060	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-31 S3	666.3	09/20/2021	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0597	—	—	0.033	mg/L	Y	J	U	N3B-2021-2677	CAAN-21-234437	GELC
R-31 S3	666.3	09/20/2021	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0678	—	—	0.033	mg/L	Y	J	U	N3B-2021-2677	CAAN-21-234439	GELC
R-31 S3	666.3	02/08/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.046	—	—	0.033	mg/L	Y	J	J	N3B-2022-904	CAAN-22-239735	GELC
R-31 S3	666.3	09/09/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.157	—	—	0.033	mg/L	Y	—	J	N3B-2022-3139	CAAN-22-258648	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.292	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218084	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	0.296	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218086	GELC
R-31 S3	666.3	06/02/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.309	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-1720	CAAN-21-229065	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.354	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	0.364	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC
R-31 S3	666.3	02/08/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.344	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.317	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.288	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	08/19/2005	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0581	0.0157	0.084	—	pCi/L	Y	U	U	143804	GU0508G31R301	GELC
R-31 S3	666.3	11/30/2006	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0468	0.0147	0.0497	—	pCi/L	Y	U	U	177228	GU06110G31R301	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.345	0.0322	0.0656	—	pCi/L	Y	—	NQ	N3B-2021-894	CAAN-21-218085	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.337	0.0298	0.058	—	pCi/L	Y	—	NQ	N3B-2021-894	CAAN-21-218087	GELC
R-31 S3	666.3	02/08/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.261	0.0286	0.0496	—	pCi/L	Y	—	NQ	N3B-2022-904	CAAN-22-239735	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.22	0.0304	0.0793	—	pCi/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	08/19/2005	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0171	0.0077	0.064	—	pCi/L	Y	U	U	143804	GU0508G31R301	GELC
R-31 S3	666.3	11/30/2006	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00579	0.00819	0.0507	—	pCi/L	Y	U	U	177228	GU06110G31R301	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0952	0.019	0.0624	—	pCi/L	Y	—	NQ	N3B-2021-894	CAAN-21-218085	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0898	0.0164	0.0551	—	pCi/L	Y	—	NQ	N3B-2021-894	CAAN-21-218087	GELC
R-31 S3	666.3	02/08/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00826	0.00729	0.032	—	pCi/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0459	0.0164	0.056	—	pCi/L	Y	U	UJ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	08/19/2005	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0221	0.0111	0.06	—	pCi/L	Y	U	U	143804	GU0508G31R301	GELC
R-31 S3	666.3	11/30/2006	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0398	0.0128	0.0352	—	pCi/L	Y	—	J	177228	GU06110G31R301	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.169	0.0218	0.0498	—	pCi/L	Y	—	NQ	N3B-2021-894	CAAN-21-218085	GELC
R-31 S3	666.3	02/19/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.17	0.0212	0.044	—	pCi/L	Y	—	NQ	N3B-2021-894	CAAN-21-218087	GELC
R-31 S3	666.3	02/08/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.151	0.0212	0.0424	—	pCi/L	Y	—	NQ	N3B-2022-904	CAAN-22-239735	GELC
R-31 S3	666.3	02/13/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.164	0.026	0.0804	—	pCi/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267944	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.67	—	—	1	µg/L	Y	J	J	N3B-2021-894	CAAN-21-218084	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.57	—	—	1	µg/L	Y	J	J	N3B-2021-894	CAAN-21-218086	GELC
R-31 S3	666.3	06/02/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.33	—	—	1	µg/L	Y	J	J	N3B-2021-1720	CAAN-21-229065	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.57	—	—	1	µg/L	Y	J	J	N3B-2021-2677	CAAN-21-234438	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.51	—	—	1	µg/L	Y	J	J	N3B-2021-2677	CAAN-21-234440	GELC
R-31 S3	666.3	02/08/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	3.06	—	—	1	µg/L	Y	J	J	N3B-2022-904	CAAN-22-239734	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	1.73	—	—	1	µg/L	Y	J	J	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	2.11	—	—	1	µg/L	Y	J	J	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	32.9	—	—	3.3	µg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218084	GELC
R-31 S3	666.3	02/19/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	33.4	—	—	3.3	µg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218086	GELC
R-31 S3	666.3	06/02/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	36.3	—	—	3.3	µg/L	Y	—	NQ	N3B-2021-1720	CAAN-21-229065	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	33.3	—	—	3.3	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC
R-31 S3	666.3	09/20/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	29.9	—	—	3.3	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC
R-31 S3	666.3	02/08/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	31.2	—	—	3.3	µg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC
R-31 S3	666.3	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	36.2	—	—	3.3	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258649	GELC
R-31 S3	666.3	02/13/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	35.5	—	—	3.3	µg/L	Y	—	NQ	N3B-2023-1255	CAAN-23-267945	GELC
R-31 S4	826.6	02/19/2021	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	3.71	—	—	1.5	µg/L	Y	J	J	N3B-2021-894	CAAN-21-218090	GELC
R-31 S4	826.6	06/04/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	2.39	—	—	1.74	µg/L	Y	BJ	U	N3B-2021-1769	CAAN-21-229063	GELC
R-31 S4	826.6	09/20/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	—	—	1.74	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	—	—	1.74	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Acetone	67-64-1	Y	2.69	—	—	1.74	µg/L	Y	J	J	N3B-2022-915	CAAN-22-239777	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	2.7	—	—	1.74	µg/L	Y	J	J	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	02/19/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	0.01	SU	Y	H	J	N3B-2021-894	CAAN-21-218089	GELC
R-31 S4	826.6	06/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.15	—	—	0.01	SU	Y	H	J	N3B-2021-1769	CAAN-21-229064	GELC
R-31 S4	826.6	09/20/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.18	—	—	0.01	SU	Y	H	J	N3B-2021-2677	CAAN-21-234442	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.1	—	—	0.01	SU	Y	H	J	N3B-2022-915	CAAN-22-239772	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	0.01	SU	Y	H	J	N3B-2022-915	CAAN-22-239776	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.15	—	—	0.01	SU	Y	H	J	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.16	—	—	0.01	SU	Y	H	J	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	0.01	SU	Y	H	J	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	02/19/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218089	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-31 S4	826.6	06/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-1769	CAAN-21-229064	GELC
R-31 S4	826.6	09/20/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234442	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	03/17/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00975	0.00597	0.0409	—	pCi/L	Y	U	U	2015-899	CAAN-15-92885	GELC
R-31 S4	826.6	03/09/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0093	0.00569	0.0417	—	pCi/L	Y	U	U	2016-866	CAAN-16-110573	GELC
R-31 S4	826.6	02/19/2021	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00405	0.0103	0.0415	—	pCi/L	Y	U	U	N3B-2021-894	CAAN-21-218090	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0235	0.0102	0.0463	—	pCi/L	Y	U	UJ	N3B-2022-915	CAAN-22-239773	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0106	0.00754	0.0472	—	pCi/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00502	0.00794	0.0356	—	pCi/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	02/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.18	—	—	2	µg/L	Y	J	J	N3B-2021-894	CAAN-21-218089	GELC
R-31 S4	826.6	06/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.34	—	—	2	µg/L	Y	J	J	N3B-2021-1769	CAAN-21-229064	GELC
R-31 S4	826.6	09/20/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.03	—	—	2	µg/L	Y	J	J	N3B-2021-2677	CAAN-21-234442	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.05	—	—	2	µg/L	Y	J	J	N3B-2022-915	CAAN-22-239776	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239772	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.06	—	—	2	µg/L	Y	J	J	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	02/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	35.5	—	—	1	µg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218089	GELC
R-31 S4	826.6	06/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	34.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-1769	CAAN-21-229064	GELC
R-31 S4	826.6	09/20/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	33.7	—	—	1	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234442	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Barium	Ba	Y	37.7	—	—	1	µg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	37.2	—	—	1	µg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	33.5	—	—	1	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Barium	Ba	Y	34.5	—	—	1	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	35.5	—	—	1	µg/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	02/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.43	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218089	GELC
R-31 S4	826.6	06/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	8.95	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1769	CAAN-21-229064	GELC
R-31 S4	826.6	09/20/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	8.57	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234442	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Calcium	Ca	Y	9.52	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	9.43	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	8.22	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Calcium	Ca	Y	8.45	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	8.22	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	03/17/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.576	1.41	4.71	—	pCi/L	Y	U	U	2015-899	CAAN-15-92885	GELC
R-31 S4	826.6	03/09/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.155	1.62	6.01	—	pCi/L	Y	U	U	2016-866	CAAN-16-110573	GELC
R-31 S4	826.6	02/19/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.6	1.24	4.19	—	pCi/L	Y	U	U	N3B-2021-894	CAAN-21-218090	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0983	1.05	3.76	—	pCi/L	Y	U	UJ	N3B-2022-915	CAAN-22-239773	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.953	0.867	3.05	—	pCi/L	Y	U	UJ	N3B-2022-915	CAAN-22-239777	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.421	0.866	2.89	—	pCi/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	02/19/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.71	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218089	GELC
R-31 S4	826.6	06/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.66	—	—	0.067	mg/L	Y	—	J-	N3B-2021-1769	CAAN-21-229064	GELC
R-31 S4	826.6	09/20/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.63	—	—	0.067	mg/L	Y	—	J+	N3B-2021-2677	CAAN-21-234442	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.76	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.73	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.76	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.75	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.75	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	02/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.15	—	—	3	µg/L	Y	J	J	N3B-2021-894	CAAN-21-218089	GELC
R-31 S4	826.6	06/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	—	—	3	µg/L	Y	U	U	N3B-2021-1769	CAAN-21-229064	GELC
R-31 S4	826.6	09/20/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234442	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	—	—	3	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239776	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	—	—	3	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239772	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.02	—	—	3	µg/L	Y	J	J	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	N	3	—	—	3	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/17/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0643	1.48	5.57	—	pCi/L	Y	U	U	2015-899	CAAN-15-92885	GELC
R-31 S4	826.6	03/09/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.23	1.7	6.89	—	pCi/L	Y	U	U	2016-866	CAAN-16-110573	GELC
R-31 S4	826.6	02/19/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.35	1.28	5.83	—	pCi/L	Y	U	U	N3B-2021-894	CAAN-21-218090	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.809	1.82	4.31	—	pCi/L	Y	U	UJ	N3B-2022-915	CAAN-22-239773	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-31 S4	826.6	02/09/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.56	0.985	3.87	—	pCi/L	Y	U	UJ	N3B-2022-915	CAAN-22-239777	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.228	0.826	3.22	—	pCi/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	02/19/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.296	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218089	GELC
R-31 S4	826.6	06/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.216	—	—	0.033	mg/L	Y	—	J-	N3B-2021-1769	CAAN-21-229064	GELC
R-31 S4	826.6	09/20/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.529	—	—	0.033	mg/L	Y	—	J-	N3B-2021-2677	CAAN-21-234442	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.357	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.35	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.25	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.257	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.259	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	03/17/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.982	0.415	1.58	—	pCi/L	Y	U	U	2015-899	CAAN-15-92885	GELC
R-31 S4	826.6	03/09/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.23	0.756	2.45	—	pCi/L	Y	U	U	2016-866	CAAN-16-110573	GELC
R-31 S4	826.6	02/19/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.63	0.821	2.46	—	pCi/L	Y	U	UJ	N3B-2021-894	CAAN-21-218090	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.36	0.776	2.46	—	pCi/L	Y	U	UJ	N3B-2022-915	CAAN-22-239773	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	FD	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.918	0.685	2.36	—	pCi/L	Y	U	UJ	N3B-2022-915	CAAN-22-239777	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.156	0.72	2.96	—	pCi/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/17/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.15	0.511	1.62	—	pCi/L	Y	—	NQ	2015-899	CAAN-15-92885	GELC
R-31 S4	826.6	03/09/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.95	1.13	2.91	—	pCi/L	Y	—	NQ	2016-866	CAAN-16-110573	GELC
R-31 S4	826.6	02/19/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.18	0.981	2.92	—	pCi/L	Y	—	NQ	N3B-2021-894	CAAN-21-218090	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	2.09	0.821	2.5	—	pCi/L	Y	U	UJ	N3B-2022-915	CAAN-22-239773	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	FD	RAD	EPA:900.0	Gross beta	GROSSB	N	1.75	0.72	2.19	—	pCi/L	Y	U	UJ	N3B-2022-915	CAAN-22-239777	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	1.18	0.786	2.62	—	pCi/L	Y	U	UJ	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	02/19/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	33.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218089	GELC
R-31 S4	826.6	06/04/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	32.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-1769	CAAN-21-229064	GELC
R-31 S4	826.6	09/20/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	31	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234442	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	34.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	34.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	30	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	30.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	30.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	02/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	—	0.5	µg/L	Y	U	U	N3B-2021-894	CAAN-21-218089	GELC
R-31 S4	826.6	06/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	—	0.5	µg/L	Y	U	U	N3B-2021-1769	CAAN-21-229064	GELC
R-31 S4	826.6	09/20/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	—	0.5	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234442	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	—	0.5	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239776	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	—	0.5	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239772	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	Y	1.45	—	—	0.5	µg/L	Y	J	J	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	—	—	0.5	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	02/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.45	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218089	GELC
R-31 S4	826.6	06/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.43	—	—	0.11	mg/L	Y	—	J+	N3B-2021-1769	CAAN-21-229064	GELC
R-31 S4	826.6	09/20/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.33	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234442	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	2.63	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	2.57	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	2.31	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	2.38	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	2.35	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	02/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.23	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218089	GELC
R-31 S4	826.6	06/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.36	—	—	0.2	µg/L	Y	—	J+	N3B-2021-1769	CAAN-21-229064	GELC
R-31 S4	826.6	09/20/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.13	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234442	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.23	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.22	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.22	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.14	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.27	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	03/17/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.57	2.94	8.96	—	pCi/L	Y	U	U	2015-899	CAAN-15-92885	GELC
R-31 S4	826.6	03/09/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.23	3	10.9	—	pCi/L	Y	U	U	2016-866	CAAN-16-110573	GELC
R-31 S4	826.6	02/19/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.801	3.06	10.5	—	pCi/L	Y	U	U	N3B-2021-894	CAAN-21-218090	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.53	2.08	6.83	—	pCi/L	Y	U	UJ	N3B-2022-915	CAAN-22-239773	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.864	1.69	6.04	—	pCi/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.443	1.49	5.49	—	pCi/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	02/19/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.354	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218089	GELC
R-31 S4	826.6	06/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.366	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-1769	CAAN-21-229064	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-31 S4	826.6	09/20/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.382	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234442	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.353	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.354	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.347	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.345	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.372	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	06/04/2021	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3	—	—	3	µg/L	Y	U	U	N3B-2021-1769	CAAN-21-229063	GELC
R-31 S4	826.6	09/20/2021	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrobenzene	98-95-3	N	0.08	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC
R-31 S4	826.6	09/20/2021	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	2.94	—	—	2.94	µg/L	N	U	U	N3B-2021-2677	CAAN-21-234441	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0793	—	—	0.0793	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0797	—	—	0.0797	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.93	—	—	2.93	µg/L	N	U	U	N3B-2022-915	CAAN-22-239773	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	FD	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.95	—	—	2.95	µg/L	N	U	U	N3B-2022-915	CAAN-22-239777	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0776	—	—	0.0776	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258650	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	FD	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0776	—	—	0.0776	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258652	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3	—	—	3	µg/L	N	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	LCMS/MS HIGH EXPLOSIV	SW-846:8330B	Nitrobenzene	98-95-3	Y	0.754	—	—	0.0786	µg/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	02/19/2021	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.267	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218089	GELC
R-31 S4	826.6	06/04/2021	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.251	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-1769	CAAN-21-229064	GELC
R-31 S4	826.6	09/20/2021	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.246	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234442	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.255	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.252	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.218	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.221	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.287	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	03/17/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00297	0.00662	0.0347	—	pCi/L	Y	U	U	2015-899	CAAN-15-92885	GELC
R-31 S4	826.6	03/09/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00409	0.00765	0.0324	—	pCi/L	Y	U	U	2016-866	CAAN-16-110573	GELC
R-31 S4	826.6	02/19/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00409	0.00818	0.0418	—	pCi/L	Y	U	U	N3B-2021-894	CAAN-21-218090	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00679	0.00599	0.055	—	pCi/L	Y	U	UJ	N3B-2022-915	CAAN-22-239773	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00000000143	0.0068	0.0523	—	pCi/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0132	0.00526	0.0302	—	pCi/L	Y	U	UJ	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/17/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.000946	0.00452	0.045	—	pCi/L	Y	U	U	2015-899	CAAN-15-92885	GELC
R-31 S4	826.6	03/09/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00818	0.00708	0.0297	—	pCi/L	Y	U	U	2016-866	CAAN-16-110573	GELC
R-31 S4	826.6	02/19/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0102	0.00792	0.0486	—	pCi/L	Y	U	U	N3B-2021-894	CAAN-21-218090	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00226	0.0075	0.0488	—	pCi/L	Y	U	UJ	N3B-2022-915	CAAN-22-239773	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.015	0.00777	0.0463	—	pCi/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00165	0.00549	0.0334	—	pCi/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	02/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.43	—	—	0.05	mg/L	Y	—	J+	N3B-2021-894	CAAN-21-218089	GELC
R-31 S4	826.6	06/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.22	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1769	CAAN-21-229064	GELC
R-31 S4	826.6	09/20/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.28	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234442	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Potassium	K	Y	3.55	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	3.53	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	3.15	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Potassium	K	Y	3.26	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	3.29	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	03/17/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-21.9	14.7	58.7	—	pCi/L	Y	U	U	2015-899	CAAN-15-92885	GELC
R-31 S4	826.6	03/09/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.8	19.1	72.4	—	pCi/L	Y	U	U	2016-866	CAAN-16-110573	GELC
R-31 S4	826.6	02/19/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-35.1	22.1	82.5	—	pCi/L	Y	U	UJ	N3B-2021-894	CAAN-21-218090	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	3.23	13	47.2	—	pCi/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	16.8	13.2	34.7	—	pCi/L	Y	U	UJ	N3B-2022-915	CAAN-22-239777	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-32.4	15.6	40.9	—	pCi/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	12/14/2000	WG	UF	INIT	REG	RAD	Generic:Gamma Spec.	Radium-226	Ra-226	N	-40	31	35	—	pCi/L	Y	U	U	8138R	GW31-00-0001	PARA
R-31 S4	826.6	11/02/2007	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.411	0.139	0.369	—	pCi/L	Y	—	J	197215	GU07100G31R401	GELC
R-31 S4	826.6	02/19/2021	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	-0.033	0.11	0.476	—	pCi/L	Y	U	U	N3B-2021-894	CAAN-21-218090	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.52	0.18	0.415	—	pCi/L	Y	—	NQ	N3B-2022-915	CAAN-22-239773	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.638	0.185	0.325	—	pCi/L	Y	—	NQ	N3B-2022-915	CAAN-22-239777	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.734	0.296	0.685	—	pCi/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	02/19/2021	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.0144	0.216	—	—	pCi/L	Y	—	U	N3B-2021-894	CAAN-21-218090	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	1.2	0.266	—	—	pCi/L	Y	—	NQ	N3B-2022-915	CAAN-22-239773	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	FD	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	1.02	0.229	—	—	pCi/L	Y	—	NQ	N3B-2022-915	CAAN-22-239777	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.734	0.35	—	—	pCi/L	Y	J	J	N3B-2023-1447	CAAN-23-271885	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-31 S4	826.6	11/02/2007	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.581	0.171	0.405	—	pCi/L	Y	—	J	197215	GU07100G31R401	GELC
R-31 S4	826.6	02/19/2021	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0144	0.186	0.691	—	pCi/L	Y	U	U	N3B-2021-894	CAAN-21-218090	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.681	0.196	0.492	—	pCi/L	Y	—	NQ	N3B-2022-915	CAAN-22-239773	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	Y	0.383	0.135	0.357	—	pCi/L	Y	—	NQ	N3B-2022-915	CAAN-22-239777	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.439	0.188	0.763	—	pCi/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	02/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	81.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218089	GELC
R-31 S4	826.6	06/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	78	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-1769	CAAN-21-229064	GELC
R-31 S4	826.6	09/20/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	79.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234442	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	83.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	82.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	79.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	81.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	79.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	02/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218089	GELC
R-31 S4	826.6	06/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-1769	CAAN-21-229064	GELC
R-31 S4	826.6	09/20/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234442	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Sodium	Na	Y	11.5	—	—	0.1	mg/L	Y	—	J+	N3B-2022-915	CAAN-22-239776	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	11.6	—	—	0.1	mg/L	Y	—	J+	N3B-2022-915	CAAN-22-239772	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	03/17/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.787	1.21	5.04	—	pCi/L	Y	U	U	2015-899	CAAN-15-92885	GELC
R-31 S4	826.6	03/09/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.93	1.73	7.46	—	pCi/L	Y	U	U	2016-866	CAAN-16-110573	GELC
R-31 S4	826.6	02/19/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.963	1.55	5.83	—	pCi/L	Y	U	U	N3B-2021-894	CAAN-21-218090	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.137	1.12	4.16	—	pCi/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.241	0.846	3.09	—	pCi/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.88	1.03	2.82	—	pCi/L	Y	U	U	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	02/19/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	123	—	—	1	µS/cm	Y	—	NQ	N3B-2021-894	CAAN-21-218089	GELC
R-31 S4	826.6	06/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	128	—	—	1	µS/cm	Y	—	NQ	N3B-2021-1769	CAAN-21-229064	GELC
R-31 S4	826.6	09/20/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	113	—	—	1	µS/cm	Y	—	NQ	N3B-2021-2677	CAAN-21-234442	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	120	—	—	1	µS/cm	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	119	—	—	1	µS/cm	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	121	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	121	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	122	—	—	1	µS/cm	Y	—	NQ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	02/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	43.8	—	—	1	µg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218089	GELC
R-31 S4	826.6	06/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	41.2	—	—	1	µg/L	Y	—	NQ	N3B-2021-1769	CAAN-21-229064	GELC
R-31 S4	826.6	09/20/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	41.7	—	—	1	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234442	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Strontium	Sr	Y	45.7	—	—	1	µg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	45.5	—	—	1	µg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	41.8	—	—	1	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Strontium	Sr	Y	43.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	43.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	03/17/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0336	0.138	0.489	—	pCi/L	Y	U	U	2015-899	CAAN-15-92885	GELC
R-31 S4	826.6	03/09/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.278	0.127	0.479	—	pCi/L	Y	U	U	2016-866	CAAN-16-110573	GELC
R-31 S4	826.6	02/19/2021	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0897	0.14	0.493	—	pCi/L	Y	U	UJ	N3B-2021-894	CAAN-21-218090	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.301	0.123	0.435	—	pCi/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.118	0.121	0.42	—	pCi/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0235	0.141	0.48	—	pCi/L	Y	U	UJ	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	02/19/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.57	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218089	GELC
R-31 S4	826.6	06/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.53	—	—	0.133	mg/L	Y	—	J-	N3B-2021-1769	CAAN-21-229064	GELC
R-31 S4	826.6	09/20/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.52	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234442	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.57	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.48	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.49	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.53	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	02/19/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	N	203	—	—	3.4	mg/L	Y	—	U	N3B-2021-894	CAAN-21-218089	GELC
R-31 S4	826.6	06/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	146	—	—	3.4	mg/L	Y	—	J	N3B-2021-1769	CAAN-21-229064	GELC
R-31 S4	826.6	09/20/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	157	—	—	3.4	mg/L	Y	—	J+	N3B-2021-2677	CAAN-21-234442	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	169	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-31 S4	826.6	02/09/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	166	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	108	—	—	2.38	mg/L	Y	—	J	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	107	—	—	2.38	mg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	121	—	—	2.38	mg/L	Y	—	J	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	02/19/2021	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2021-894	CAAN-21-218090	GELC
R-31 S4	826.6	06/04/2021	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0699	—	—	0.033	mg/L	Y	J	J	N3B-2021-1769	CAAN-21-229063	GELC
R-31 S4	826.6	09/20/2021	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.13	—	—	0.033	mg/L	Y	—	U	N3B-2021-2677	CAAN-21-234441	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.122	—	—	0.033	mg/L	Y	—	J-	N3B-2022-915	CAAN-22-239773	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0646	—	—	0.033	mg/L	Y	J	J-	N3B-2022-915	CAAN-22-239777	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.248	—	—	0.033	mg/L	Y	—	J	N3B-2022-3139	CAAN-22-258650	GELC
R-31 S4	826.6	09/09/2022	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	UJ	N3B-2022-3139	CAAN-22-258652	GELC
R-31 S4	826.6	06/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0345	—	—	0.02	mg/L	Y	J	J	N3B-2021-1769	CAAN-21-229064	GELC
R-31 S4	826.6	09/20/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0512	—	—	0.02	mg/L	Y	—	U	N3B-2021-2677	CAAN-21-234442	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0308	—	—	0.02	mg/L	Y	J	J	N3B-2022-915	CAAN-22-239772	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0396	—	—	0.02	mg/L	Y	J	J	N3B-2022-915	CAAN-22-239776	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0914	—	—	0.02	mg/L	Y	—	U	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0934	—	—	0.02	mg/L	Y	—	U	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.024	—	—	0.02	mg/L	Y	J	J	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	02/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.219	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218089	GELC
R-31 S4	826.6	06/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.263	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-1769	CAAN-21-229064	GELC
R-31 S4	826.6	09/20/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.23	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234442	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	0.273	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.233	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.235	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	0.237	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/17/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.159	0.0193	0.0785	—	pCi/L	Y	—	NQ	2015-899	CAAN-15-92885	GELC
R-31 S4	826.6	03/09/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.185	0.0203	0.077	—	pCi/L	Y	—	NQ	2016-866	CAAN-16-110573	GELC
R-31 S4	826.6	02/19/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.314	0.0314	0.0676	—	pCi/L	Y	—	NQ	N3B-2021-894	CAAN-21-218090	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.172	0.0258	0.0671	—	pCi/L	Y	—	NQ	N3B-2022-915	CAAN-22-239773	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.219	0.0294	0.0634	—	pCi/L	Y	—	NQ	N3B-2022-915	CAAN-22-239777	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.15	0.0215	0.049	—	pCi/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/17/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00503	0.00795	0.0491	—	pCi/L	Y	U	U	2015-899	CAAN-15-92885	GELC
R-31 S4	826.6	03/09/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0228	0.00841	0.0492	—	pCi/L	Y	U	U	2016-866	CAAN-16-110573	GELC
R-31 S4	826.6	02/19/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0589	0.0167	0.0643	—	pCi/L	Y	U	UJ	N3B-2021-894	CAAN-21-218090	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00000000248	0.0118	0.0432	—	pCi/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00000000176	0.00994	0.0409	—	pCi/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0261	0.00913	0.0402	—	pCi/L	Y	U	UJ	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	03/17/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0732	0.0141	0.04	—	pCi/L	Y	—	J	2015-899	CAAN-15-92885	GELC
R-31 S4	826.6	03/09/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.117	0.0163	0.0492	—	pCi/L	Y	—	NQ	2016-866	CAAN-16-110573	GELC
R-31 S4	826.6	02/19/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.199	0.0241	0.0513	—	pCi/L	Y	—	NQ	N3B-2021-894	CAAN-21-218090	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0933	0.0194	0.0573	—	pCi/L	Y	—	NQ	N3B-2022-915	CAAN-22-239773	GELC
R-31 S4	826.6	02/09/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.114	0.0201	0.0541	—	pCi/L	Y	—	NQ	N3B-2022-915	CAAN-22-239777	GELC
R-31 S4	826.6	03/01/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.144	0.0196	0.0408	—	pCi/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271885	GELC
R-31 S4	826.6	02/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.21	—	—	1	µg/L	Y	—	NQ	N3B-2021-894	CAAN-21-218089	GELC
R-31 S4	826.6	06/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.23	—	—	1	µg/L	Y	—	NQ	N3B-2021-1769	CAAN-21-229064	GELC
R-31 S4	826.6	09/20/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.12	—	—	1	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234442	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Vanadium	V	Y	6.8	—	—	1	µg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	6.99	—	—	1	µg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	5.91	—	—	1	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Vanadium	V	Y	6.34	—	—	1	µg/L	Y	—	NQ	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	6.33	—	—	1	µg/L	Y	—	NQ	N3B-2023-1447	CAAN-23-271886	GELC
R-31 S4	826.6	02/19/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2021-894	CAAN-21-218089	GELC
R-31 S4	826.6	06/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2021-1769	CAAN-21-229064	GELC
R-31 S4	826.6	09/20/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.47	—	—	3.3	µg/L	Y	J	J	N3B-2021-2677	CAAN-21-234442	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Zinc	Zn	Y	3.31	—	—	3.3	µg/L	Y	J	J	N3B-2022-915	CAAN-22-239776	GELC
R-31 S4	826.6	02/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239772	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2022-3139	CAAN-22-258651	GELC
R-31 S4	826.6	09/09/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Zinc	Zn	Y	3.35	—	—	3.3	µg/L	Y	J	J	N3B-2022-3139	CAAN-22-258653	GELC
R-31 S4	826.6	03/01/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	3.62	—	—	3.3	µg/L	Y	J	J	N3B-2023-1447	CAAN-23-271886	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	—	—	0.01	SU	Y	H	NQ	N3B-2019-485	CAMO-19-164046	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	—	—	0.01	SU	Y	H	NQ	N3B-2020-338	CAMO-20-189291	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-34	883.7	11/12/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.47	—	—	0.01	SU	Y	H	NQ	N3B-2021-389	CAMO-21-210601	GELC
R-34	883.7	11/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.31	—	—	0.01	SU	Y	H	J	N3B-2022-324	CAMO-22-236478	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.39	—	—	0.01	SU	Y	H	J	N3B-2023-331	CAMO-23-261125	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	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164046	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	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/12/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	71.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-389	CAMO-21-210601	GELC
R-34	883.7	11/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-324	CAMO-22-236478	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-331	CAMO-23-261125	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	0.0481	—	pCi/L	Y	U	U	N3B-2019-485	CAMO-19-164047	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	0.0356	—	pCi/L	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/12/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00385	0.00608	0.0422	—	pCi/L	Y	U	U	N3B-2021-389	CAMO-21-210602	GELC
R-34	883.7	11/05/2021	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0224	0.0167	0.0942	—	pCi/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0272	0.021	0.0642	—	pCi/L	Y	U	U	N3B-2023-331	CAMO-23-261124	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2.72	—	—	2	µg/L	Y	J	U	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.31	—	—	2	µg/L	Y	J	J	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/12/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.21	—	—	2	µg/L	Y	J	J	N3B-2021-389	CAMO-21-210601	GELC
R-34	883.7	11/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.05	—	—	2	µg/L	Y	J	J	N3B-2022-324	CAMO-22-236478	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.08	—	—	2	µg/L	Y	J	J	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/12/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.3	—	—	1	µg/L	Y	—	NQ	N3B-2021-389	CAMO-21-210601	GELC
R-34	883.7	11/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	23.6	—	—	1	µg/L	Y	—	NQ	N3B-2022-324	CAMO-22-236478	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	21.3	—	—	1	µg/L	Y	—	NQ	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.3	—	—	15	µg/L	Y	J	J	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	17.1	—	—	15	µg/L	Y	J	J	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/12/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	28.1	—	—	15	µg/L	Y	J	J	N3B-2021-389	CAMO-21-210601	GELC
R-34	883.7	11/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	18.7	—	—	15	µg/L	Y	J	J	N3B-2022-324	CAMO-22-236478	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	15.1	—	—	15	µg/L	Y	J	J	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/12/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-389	CAMO-21-210601	GELC
R-34	883.7	11/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	15.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-324	CAMO-22-236478	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	13.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-331	CAMO-23-261125	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	3.2	—	pCi/L	Y	U	U	N3B-2019-485	CAMO-19-164047	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	3.98	—	pCi/L	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/12/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.93	1.51	4.93	—	pCi/L	Y	U	U	N3B-2021-389	CAMO-21-210602	GELC
R-34	883.7	11/05/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.00917	0.896	3.2	—	pCi/L	Y	U	UJ	N3B-2022-324	CAMO-22-236479	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.77	1.26	4.94	—	pCi/L	Y	U	U	N3B-2023-331	CAMO-23-261124	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.52	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.72	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/12/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.71	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-389	CAMO-21-210601	GELC
R-34	883.7	11/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.55	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-324	CAMO-22-236478	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.86	—	—	0.067	mg/L	Y	—	J+	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.85	—	—	3	µg/L	Y	J	J	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.57	—	—	3	µg/L	Y	J	J	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/12/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.99	—	—	3	µg/L	Y	J	J	N3B-2021-389	CAMO-21-210601	GELC
R-34	883.7	11/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.54	—	—	3	µg/L	Y	J	J	N3B-2022-324	CAMO-22-236478	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.54	—	—	3	µg/L	Y	J	J	N3B-2023-331	CAMO-23-261125	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	2.99	—	pCi/L	Y	U	U	N3B-2019-485	CAMO-19-164047	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	4.65	—	pCi/L	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/12/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.854	1.25	5.19	—	pCi/L	Y	U	U	N3B-2021-389	CAMO-21-210602	GELC
R-34	883.7	11/05/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.139	0.999	3.68	—	pCi/L	Y	U	UJ	N3B-2022-324	CAMO-22-236479	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.45	1.03	3.26	—	pCi/L	Y	U	U	N3B-2023-331	CAMO-23-261124	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.335	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.503	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/12/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.348	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-389	CAMO-21-210601	GELC
R-34	883.7	11/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.508	—	—	0.033	mg/L	Y	—	J-	N3B-2022-324	CAMO-22-236478	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.248	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/15/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.685	0.672	2.93	—	pCi/L	Y	U	U	N3B-2019-485	CAMO-19-164047	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.274	0.775	2.91	—	pCi/L	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/12/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.86	0.879	2.4	—	pCi/L	Y	U	U	N3B-2021-389	CAMO-21-210602	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-34	883.7	11/05/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0914	0.533	2.42	—	pCi/L	Y	U	UJ	N3B-2022-324	CAMO-22-236479	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	-0.563	0.402	2.58	—	pCi/L	Y	U	U	N3B-2023-331	CAMO-23-261124	GELC
R-34	883.7	11/15/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.66	0.912	2.82	—	pCi/L	Y	U	U	N3B-2019-485	CAMO-19-164047	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.38	0.803	2.37	—	pCi/L	Y	—	NQ	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/12/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.12	0.785	2.62	—	pCi/L	Y	U	U	N3B-2021-389	CAMO-21-210602	GELC
R-34	883.7	11/05/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.13	0.972	2.9	—	pCi/L	Y	—	NQ	N3B-2022-324	CAMO-22-236479	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	0.607	0.575	1.99	—	pCi/L	Y	U	U	N3B-2023-331	CAMO-23-261124	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	54.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	56	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/12/2020	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	57	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-389	CAMO-21-210601	GELC
R-34	883.7	11/05/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	54.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-324	CAMO-22-236478	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.84	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.11	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/12/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.76	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-389	CAMO-21-210601	GELC
R-34	883.7	11/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.61	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-324	CAMO-22-236478	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.34	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-331	CAMO-23-261125	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	4.55	—	pCi/L	Y	U	U	N3B-2019-485	CAMO-19-164047	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	7.77	—	pCi/L	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/12/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.44	2.09	7.54	—	pCi/L	Y	U	U	N3B-2021-389	CAMO-21-210602	GELC
R-34	883.7	11/05/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.57	1.91	5.65	—	pCi/L	Y	U	UJ	N3B-2022-324	CAMO-22-236479	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.583	2.68	8.26	—	pCi/L	Y	U	U	N3B-2023-331	CAMO-23-261124	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	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164046	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	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/12/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.462	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-389	CAMO-21-210601	GELC
R-34	883.7	11/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.555	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-324	CAMO-22-236478	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.474	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.368	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.345	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/12/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.336	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-389	CAMO-21-210601	GELC
R-34	883.7	11/05/2021	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.324	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-324	CAMO-22-236478	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.268	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-331	CAMO-23-261125	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	0.0517	—	pCi/L	Y	U	U	N3B-2019-485	CAMO-19-164047	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	0.0422	—	pCi/L	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/12/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00628	0.0116	0.0484	—	pCi/L	Y	U	U	N3B-2021-389	CAMO-21-210602	GELC
R-34	883.7	11/05/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00525	0.00743	0.0738	—	pCi/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00936	0.00699	0.0625	—	pCi/L	Y	U	U	N3B-2023-331	CAMO-23-261124	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	0.0569	—	pCi/L	Y	U	U	N3B-2019-485	CAMO-19-164047	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	0.041	—	pCi/L	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/12/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0251	0.0132	0.0541	—	pCi/L	Y	U	U	N3B-2021-389	CAMO-21-210602	GELC
R-34	883.7	11/05/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00787	0.00946	0.0617	—	pCi/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.025	0.0109	0.0649	—	pCi/L	Y	U	U	N3B-2023-331	CAMO-23-261124	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.56	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.75	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/12/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.73	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-389	CAMO-21-210601	GELC
R-34	883.7	11/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	1.66	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-324	CAMO-22-236478	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	1.75	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/15/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12.4	16	31.4	—	pCi/L	Y	U	U	N3B-2019-485	CAMO-19-164047	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	16	17.5	60.2	—	pCi/L	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/12/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-10.9	16.7	63.4	—	pCi/L	Y	U	U	N3B-2021-389	CAMO-21-210602	GELC
R-34	883.7	11/05/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	3.2	20.2	33.5	—	pCi/L	Y	U	UJ	N3B-2022-324	CAMO-22-236479	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-4.63	17.1	67.1	—	pCi/L	Y	U	UJ	N3B-2023-331	CAMO-23-261124	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	0.3	—	pCi/L	Y	U	U	12-323	CAMO-12-1532	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	0.376	—	pCi/L	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/12/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.335	0.142	0.412	—	pCi/L	Y	U	U	N3B-2021-389	CAMO-21-210602	GELC
R-34	883.7	11/05/2021	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.114	0.107	0.382	—	pCi/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0925	0.111	0.413	—	pCi/L	Y	U	U	N3B-2023-331	CAMO-23-261124	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	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	11/12/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.335	0.224	—	—	pCi/L	Y	—	U	N3B-2021-389	CAMO-21-210602	GELC
R-34	883.7	11/05/2021	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.417	0.221	—	—	pCi/L	Y	—	UJ	N3B-2022-324	CAMO-22-236479	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.58	0.223	—	—	pCi/L	Y	U	UJ	N3B-2023-331	CAMO-23-261124	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-34	883.7	11/10/2011	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.00768	0.15	0.54	—	pCi/L	Y	U	U	12-323	CAMO-12-1532	GELC
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0201	0.127	0.475	—	pCi/L	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/12/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.00622	0.174	0.624	—	pCi/L	Y	U	U	N3B-2021-389	CAMO-21-210602	GELC
R-34	883.7	11/05/2021	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.303	0.193	0.629	—	pCi/L	Y	U	UJ	N3B-2022-324	CAMO-22-236479	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.488	0.194	0.55	—	pCi/L	Y	U	UJ	N3B-2023-331	CAMO-23-261124	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/12/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-389	CAMO-21-210601	GELC
R-34	883.7	11/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	69.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-324	CAMO-22-236478	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	65	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/12/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-389	CAMO-21-210601	GELC
R-34	883.7	11/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-324	CAMO-22-236478	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-331	CAMO-23-261125	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	3.55	—	pCi/L	Y	U	U	N3B-2019-485	CAMO-19-164047	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	4.9	—	pCi/L	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/12/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.63	1.03	4.78	—	pCi/L	Y	U	U	N3B-2021-389	CAMO-21-210602	GELC
R-34	883.7	11/05/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.217	0.864	3.21	—	pCi/L	Y	U	UJ	N3B-2022-324	CAMO-22-236479	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0814	0.712	3.27	—	pCi/L	Y	U	U	N3B-2023-331	CAMO-23-261124	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	154	—	—	1	µS/cm	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134	—	—	1	µS/cm	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/12/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	166	—	—	1	µS/cm	Y	—	NQ	N3B-2021-389	CAMO-21-210601	GELC
R-34	883.7	11/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	155	—	—	1	µS/cm	Y	—	NQ	N3B-2022-324	CAMO-22-236478	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	164	—	—	1	µS/cm	Y	—	NQ	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	51.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	58.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/12/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	57.3	—	—	1	µg/L	Y	—	NQ	N3B-2021-389	CAMO-21-210601	GELC
R-34	883.7	11/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	56	—	—	1	µg/L	Y	—	NQ	N3B-2022-324	CAMO-22-236478	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	55.6	—	—	1	µg/L	Y	—	NQ	N3B-2023-331	CAMO-23-261125	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	0.48	—	pCi/L	Y	U	U	N3B-2019-485	CAMO-19-164047	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	0.493	—	pCi/L	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/12/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0233	0.136	0.481	—	pCi/L	Y	U	U	N3B-2021-389	CAMO-21-210602	GELC
R-34	883.7	11/05/2021	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.248	0.126	0.407	—	pCi/L	Y	U	UJ	N3B-2022-324	CAMO-22-236479	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0271	0.102	0.348	—	pCi/L	Y	U	U	N3B-2023-331	CAMO-23-261124	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.97	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/12/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.92	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-389	CAMO-21-210601	GELC
R-34	883.7	11/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.79	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-324	CAMO-22-236478	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.95	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	124	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	104	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/12/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	113	—	—	3.4	mg/L	Y	—	J+	N3B-2021-389	CAMO-21-210601	GELC
R-34	883.7	11/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-324	CAMO-22-236478	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	129	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.487	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.512	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/12/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.463	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-389	CAMO-21-210601	GELC
R-34	883.7	11/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.578	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-324	CAMO-22-236478	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.498	—	—	0.067	µg/L	Y	—	J+	N3B-2023-331	CAMO-23-261125	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	0.0849	—	pCi/L	Y	—	NQ	N3B-2019-485	CAMO-19-164047	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	0.0536	—	pCi/L	Y	—	NQ	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/12/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.375	0.0694	0.22	—	pCi/L	Y	—	NQ	N3B-2021-389	CAMO-21-210602	GELC
R-34	883.7	11/05/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.313	0.0327	0.0614	—	pCi/L	Y	—	NQ	N3B-2022-324	CAMO-22-236479	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.358	0.0321	0.0471	—	pCi/L	Y	—	NQ	N3B-2023-331	CAMO-23-261124	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	0.0823	—	pCi/L	Y	U	U	N3B-2019-485	CAMO-19-164047	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	0.0384	—	pCi/L	Y	U	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/12/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0353	0.0286	0.19	—	pCi/L	Y	U	U	N3B-2021-389	CAMO-21-210602	GELC
R-34	883.7	11/05/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00545	0.00772	0.0468	—	pCi/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00739	0.0074	0.037	—	pCi/L	Y	U	U	N3B-2023-331	CAMO-23-261124	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	0.0838	—	pCi/L	Y	—	NQ	N3B-2019-485	CAMO-19-164047	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-34	883.7	11/13/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.177	0.023	0.0627	—	pCi/L	Y	—	NQ	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/12/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.211	0.0525	0.2	—	pCi/L	Y	—	NQ	N3B-2021-389	CAMO-21-210602	GELC
R-34	883.7	11/05/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.108	0.0174	0.0583	—	pCi/L	Y	—	NQ	N3B-2022-324	CAMO-22-236479	GELC
R-34	883.7	11/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.163	0.0202	0.045	—	pCi/L	Y	—	NQ	N3B-2023-331	CAMO-23-261124	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.63	—	—	1	µg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7	—	—	1	µg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/12/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.22	—	—	1	µg/L	Y	—	NQ	N3B-2021-389	CAMO-21-210601	GELC
R-34	883.7	11/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	6.42	—	—	1	µg/L	Y	—	NQ	N3B-2022-324	CAMO-22-236478	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	6.42	—	—	1	µg/L	Y	—	NQ	N3B-2023-331	CAMO-23-261125	GELC
R-34	883.7	11/15/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	6.47	—	—	3.3	µg/L	Y	J	J	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	4.04	—	—	3.3	µg/L	Y	J	J	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/12/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.14	—	—	3.3	µg/L	Y	J	J	N3B-2021-389	CAMO-21-210601	GELC
R-34	883.7	11/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	N	26.3	—	—	3.3	µg/L	Y	—	U	N3B-2022-324	CAMO-22-236478	GELC
R-34	883.7	11/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	4.72	—	—	3.3	µg/L	Y	J	J	N3B-2023-331	CAMO-23-261125	GELC
R-3i	215.2	06/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	—	0.01	SU	Y	H	NQ	N3B-2019-2281	CAPU-19-181506	GELC
R-3i	215.2	09/08/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.81	—	—	0.01	SU	Y	H	NQ	N3B-2020-1720	CAPU-20-206451	GELC
R-3i	215.2	06/21/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.84	—	—	0.01	SU	Y	H	J	N3B-2021-1892	CAPU-21-229572	GELC
R-3i	215.2	06/27/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	0.01	SU	Y	H	J	N3B-2022-1981	CAPU-22-250833	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.96	—	—	0.01	SU	Y	H	J	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	160	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2281	CAPU-19-181506	GELC
R-3i	215.2	09/08/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	158	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206451	GELC
R-3i	215.2	06/21/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	161	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-1892	CAPU-21-229572	GELC
R-3i	215.2	06/27/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	152	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	155	—	—	0.725	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/24/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0114	0.00986	0.0414	—	pCi/L	Y	U	U	N3B-2019-2281	CAPU-19-181507	GELC
R-3i	215.2	09/08/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0249	0.0129	0.0646	—	pCi/L	Y	U	U	N3B-2020-1720	CAPU-20-206452	GELC
R-3i	215.2	06/21/2021	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0198	0.111	—	pCi/L	Y	U	U	N3B-2021-1892	CAPU-21-229571	GELC
R-3i	215.2	06/27/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00867	0.00867	0.0548	—	pCi/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00703	0.0233	0.13	—	pCi/L	Y	U	UJ	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0348	—	—	0.017	mg/L	Y	J	U	N3B-2019-2281	CAPU-19-181506	GELC
R-3i	215.2	09/08/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0718	—	—	0.017	mg/L	Y	—	U	N3B-2020-1720	CAPU-20-206451	GELC
R-3i	215.2	06/21/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0273	—	—	0.017	mg/L	Y	J	U	N3B-2021-1892	CAPU-21-229572	GELC
R-3i	215.2	06/27/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0542	—	—	0.017	mg/L	Y	—	U	N3B-2022-1981	CAPU-22-250833	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.027	—	—	0.017	mg/L	Y	J	J-	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	96.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-2281	CAPU-19-181506	GELC
R-3i	215.2	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	114	—	—	1	µg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206451	GELC
R-3i	215.2	06/21/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	108	—	—	1	µg/L	Y	—	NQ	N3B-2021-1892	CAPU-21-229572	GELC
R-3i	215.2	06/27/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	98.5	—	—	1	µg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	97.5	—	—	1	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	152	—	—	15	µg/L	Y	—	NQ	N3B-2019-2281	CAPU-19-181506	GELC
R-3i	215.2	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	144	—	—	15	µg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206451	GELC
R-3i	215.2	06/21/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	142	—	—	15	µg/L	Y	—	NQ	N3B-2021-1892	CAPU-21-229572	GELC
R-3i	215.2	06/27/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	137	—	—	15	µg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	172	—	—	15	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2019-2281	CAPU-19-181506	GELC
R-3i	215.2	09/08/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2020-1720	CAPU-20-206451	GELC
R-3i	215.2	06/21/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.187	—	—	0.067	mg/L	Y	J	J	N3B-2021-1892	CAPU-21-229572	GELC
R-3i	215.2	06/27/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.152	—	—	0.067	mg/L	Y	J	J	N3B-2022-1981	CAPU-22-250833	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.132	—	—	0.067	mg/L	Y	J	J	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	56.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2281	CAPU-19-181506	GELC
R-3i	215.2	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	62.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206451	GELC
R-3i	215.2	06/21/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	60.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1892	CAPU-21-229572	GELC
R-3i	215.2	06/27/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	55.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	55.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/24/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.262	1.29	4.17	—	pCi/L	Y	U	U	N3B-2019-2281	CAPU-19-181507	GELC
R-3i	215.2	09/08/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.7	1.71	5.82	—	pCi/L	Y	U	U	N3B-2020-1720	CAPU-20-206452	GELC
R-3i	215.2	06/21/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.03	1.27	5.09	—	pCi/L	Y	U	U	N3B-2021-1892	CAPU-21-229571	GELC
R-3i	215.2	06/27/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.18	0.856	3.07	—	pCi/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.08	1.06	4.38	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	45.2	—	—	0.67	mg/L	Y	—	NQ	N3B-2019-2281	CAPU-19-181506	GELC
R-3i	215.2	09/08/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	45.5	—	—	0.67	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206451	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-3i	215.2	06/21/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	46.9	—	—	0.67	mg/L	Y	—	J+	N3B-2021-1892	CAPU-21-229572	GELC
R-3i	215.2	06/27/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	47.3	—	—	0.67	mg/L	Y	—	J+	N3B-2022-1981	CAPU-22-250833	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	45.6	—	—	0.67	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/24/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.77	1.22	4.09	—	pCi/L	Y	U	U	N3B-2019-2281	CAPU-19-181507	GELC
R-3i	215.2	09/08/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.643	1.48	6.02	—	pCi/L	Y	U	U	N3B-2020-1720	CAPU-20-206452	GELC
R-3i	215.2	06/21/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	3	1.71	7.7	—	pCi/L	Y	U	U	N3B-2021-1892	CAPU-21-229571	GELC
R-3i	215.2	06/27/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.12	0.856	2.73	—	pCi/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.739	1.32	5.67	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.305	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2281	CAPU-19-181506	GELC
R-3i	215.2	09/08/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.32	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206451	GELC
R-3i	215.2	06/21/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.344	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1892	CAPU-21-229572	GELC
R-3i	215.2	06/27/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.369	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.434	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/24/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	4.55	1.26	2.85	—	pCi/L	Y	—	NQ	N3B-2019-2281	CAPU-19-181507	GELC
R-3i	215.2	09/08/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	6.5	1.24	2.7	—	pCi/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206452	GELC
R-3i	215.2	06/21/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	7.1	1.7	2.81	—	pCi/L	Y	—	J	N3B-2021-1892	CAPU-21-229571	GELC
R-3i	215.2	06/27/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	Y	6.68	1.6	2.91	—	pCi/L	Y	—	J	N3B-2022-1981	CAPU-22-250832	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	Y	5.17	1.27	2.62	—	pCi/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/24/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.44	1.05	2.6	—	pCi/L	Y	—	NQ	N3B-2019-2281	CAPU-19-181507	GELC
R-3i	215.2	09/08/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.21	1.02	2.67	—	pCi/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206452	GELC
R-3i	215.2	06/21/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.1	0.876	2.1	—	pCi/L	Y	—	J	N3B-2021-1892	CAPU-21-229571	GELC
R-3i	215.2	06/27/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	5.81	1.13	2.92	—	pCi/L	Y	—	J	N3B-2022-1981	CAPU-22-250832	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	6.71	1.12	2.61	—	pCi/L	Y	—	J+	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/24/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	204	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2281	CAPU-19-181506	GELC
R-3i	215.2	09/08/2020	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	227	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206451	GELC
R-3i	215.2	06/21/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	221	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-1892	CAPU-21-229572	GELC
R-3i	215.2	06/27/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	203	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	202	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	15.4	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2281	CAPU-19-181506	GELC
R-3i	215.2	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	17.2	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206451	GELC
R-3i	215.2	06/21/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	16.9	—	—	0.11	mg/L	Y	E	NQ	N3B-2021-1892	CAPU-21-229572	GELC
R-3i	215.2	06/27/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	15.8	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	15.3	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.882	—	—	0.2	µg/L	Y	J	J	N3B-2019-2281	CAPU-19-181506	GELC
R-3i	215.2	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.916	—	—	0.2	µg/L	Y	J	J	N3B-2020-1720	CAPU-20-206451	GELC
R-3i	215.2	06/21/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.93	—	—	0.2	µg/L	Y	J	J	N3B-2021-1892	CAPU-21-229572	GELC
R-3i	215.2	06/27/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.889	—	—	0.2	µg/L	Y	J	J	N3B-2022-1981	CAPU-22-250833	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.927	—	—	0.2	µg/L	Y	J	J	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/24/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.14	2.22	7.9	—	pCi/L	Y	U	U	N3B-2019-2281	CAPU-19-181507	GELC
R-3i	215.2	09/08/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.62	3.08	11.5	—	pCi/L	Y	U	U	N3B-2020-1720	CAPU-20-206452	GELC
R-3i	215.2	06/21/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.69	2.72	9.55	—	pCi/L	Y	U	U	N3B-2021-1892	CAPU-21-229571	GELC
R-3i	215.2	06/27/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.86	1.96	5.7	—	pCi/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.99	2.88	10	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	6.61	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2281	CAPU-19-181506	GELC
R-3i	215.2	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	6.34	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206451	GELC
R-3i	215.2	06/21/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	6.56	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-1892	CAPU-21-229572	GELC
R-3i	215.2	06/27/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	7.06	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	6.32	—	—	0.6	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.69	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-2281	CAPU-19-181506	GELC
R-3i	215.2	09/08/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.61	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206451	GELC
R-3i	215.2	06/21/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.61	—	—	0.17	mg/L	Y	—	NQ	N3B-2021-1892	CAPU-21-229572	GELC
R-3i	215.2	06/27/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.68	—	—	0.085	mg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.58	—	—	0.17	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/24/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	1.55	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2281	CAPU-19-181506	GELC
R-3i	215.2	09/08/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	1.62	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206451	GELC
R-3i	215.2	06/21/2021	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	1.49	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-1892	CAPU-21-229572	GELC
R-3i	215.2	06/27/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	1.57	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	1.58	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	09/08/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	18.6	—	—	0.62	ng/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206452	GELC
R-3i	215.2	09/08/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	17.8	—	—	0.626	ng/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206786	GELC
R-3i	215.2	06/21/2021	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	15.9	—	—	0.588	ng/L	Y	—	NQ	N3B-2021-1892	CAPU-21-229571	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-3i	215.2	06/27/2022	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	18.7	—	—	0.633	ng/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250832	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	16.7	—	—	0.574	ng/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	09/08/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	18.5	—	—	0.752	ng/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206452	GELC
R-3i	215.2	09/08/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	19.6	—	—	0.759	ng/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206786	GELC
R-3i	215.2	06/21/2021	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	17.7	—	—	0.712	ng/L	Y	—	NQ	N3B-2021-1892	CAPU-21-229571	GELC
R-3i	215.2	06/27/2022	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	21.5	—	—	0.768	ng/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250832	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	22	—	—	0.696	ng/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	09/08/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	47.6	—	—	0.752	ng/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206452	GELC
R-3i	215.2	09/08/2020	WG	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	45.7	—	—	0.759	ng/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206786	GELC
R-3i	215.2	06/21/2021	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	42.2	—	—	0.712	ng/L	Y	—	NQ	N3B-2021-1892	CAPU-21-229571	GELC
R-3i	215.2	06/27/2022	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	46.2	—	—	0.768	ng/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250832	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	46	—	—	0.696	ng/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/24/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00229	0.00606	0.0405	—	pCi/L	Y	U	U	N3B-2019-2281	CAPU-19-181507	GELC
R-3i	215.2	09/08/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00903	0.0111	0.049	—	pCi/L	Y	U	U	N3B-2020-1720	CAPU-20-206452	GELC
R-3i	215.2	06/21/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.029	0.0355	0.179	—	pCi/L	Y	U	UJ	N3B-2021-1892	CAPU-21-229571	GELC
R-3i	215.2	06/27/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00821	0.013	0.084	—	pCi/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00536	0.00657	0.0547	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/24/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00458	0.00648	0.0443	—	pCi/L	Y	U	U	N3B-2019-2281	CAPU-19-181507	GELC
R-3i	215.2	09/08/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00902	0.00957	0.0664	—	pCi/L	Y	U	U	N3B-2020-1720	CAPU-20-206452	GELC
R-3i	215.2	06/21/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0506	0.0331	0.182	—	pCi/L	Y	U	UJ	N3B-2021-1892	CAPU-21-229571	GELC
R-3i	215.2	06/27/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0205	0.0136	0.0738	—	pCi/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00268	0.0071	0.0564	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	5.23	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2281	CAPU-19-181506	GELC
R-3i	215.2	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	6.17	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206451	GELC
R-3i	215.2	06/21/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	6.16	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1892	CAPU-21-229572	GELC
R-3i	215.2	06/27/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	5.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	5.36	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/24/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12	17.8	69.7	—	pCi/L	Y	U	U	N3B-2019-2281	CAPU-19-181507	GELC
R-3i	215.2	09/08/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	19.7	21.8	90.9	—	pCi/L	Y	U	U	N3B-2020-1720	CAPU-20-206452	GELC
R-3i	215.2	06/21/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12.6	30.1	58.7	—	pCi/L	Y	U	U	N3B-2021-1892	CAPU-21-229571	GELC
R-3i	215.2	06/27/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-16.3	13.7	45.2	—	pCi/L	Y	U	UJ	N3B-2022-1981	CAPU-22-250832	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	4.33	20.1	82	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	09/08/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.396	0.146	0.337	—	pCi/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206452	GELC
R-3i	215.2	06/21/2021	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.183	0.0723	0.175	—	pCi/L	Y	—	J-	N3B-2021-1892	CAPU-21-229571	GELC
R-3i	215.2	06/27/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	1.4	0.276	0.447	—	pCi/L	Y	—	U	N3B-2022-1981	CAPU-22-250832	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	1.93	0.348	0.255	—	pCi/L	Y	—	U	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	09/08/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.396	0.201	—	—	pCi/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206452	GELC
R-3i	215.2	06/21/2021	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	1.51	0.266	—	—	pCi/L	Y	—	J-	N3B-2021-1892	CAPU-21-229571	GELC
R-3i	215.2	06/27/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	2.1	0.355	—	—	pCi/L	Y	—	U	N3B-2022-1981	CAPU-22-250832	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	2.24	0.379	—	—	pCi/L	Y	J	U	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	09/08/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0265	0.139	0.525	—	pCi/L	Y	U	U	N3B-2020-1720	CAPU-20-206452	GELC
R-3i	215.2	06/21/2021	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	1.33	0.256	0.638	—	pCi/L	Y	—	U	N3B-2021-1892	CAPU-21-229571	GELC
R-3i	215.2	06/27/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.707	0.223	0.599	—	pCi/L	Y	—	U	N3B-2022-1981	CAPU-22-250832	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.308	0.15	0.456	—	pCi/L	Y	U	UJ	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	49.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2281	CAPU-19-181506	GELC
R-3i	215.2	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	52.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206451	GELC
R-3i	215.2	06/21/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	52.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-1892	CAPU-21-229572	GELC
R-3i	215.2	06/27/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	47.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	49.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	22.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2281	CAPU-19-181506	GELC
R-3i	215.2	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	21.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206451	GELC
R-3i	215.2	06/21/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	22.4	—	—	0.1	mg/L	Y	—	J-	N3B-2021-1892	CAPU-21-229572	GELC
R-3i	215.2	06/27/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	19.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	23.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/24/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.431	1.01	4.23	—	pCi/L	Y	U	U	N3B-2019-2281	CAPU-19-181507	GELC
R-3i	215.2	09/08/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.857	2.02	7.17	—	pCi/L	Y	U	U	N3B-2020-1720	CAPU-20-206452	GELC
R-3i	215.2	06/21/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.544	0.952	4.5	—	pCi/L	Y	U	U	N3B-2021-1892	CAPU-21-229571	GELC
R-3i	215.2	06/27/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.609	0.892	3.48	—	pCi/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.2	1.47	4.58	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	538	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2281	CAPU-19-181506	GELC
R-3i	215.2	09/08/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	552	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1720	CAPU-20-206451	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-3i	215.2	06/21/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	579	—	—	1	µS/cm	Y	—	NQ	N3B-2021-1892	CAPU-21-229572	GELC
R-3i	215.2	06/27/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	565	—	—	1	µS/cm	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	536	—	—	1	µS/cm	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	259	—	—	1	µg/L	Y	—	NQ	N3B-2019-2281	CAPU-19-181506	GELC
R-3i	215.2	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	308	—	—	1	µg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206451	GELC
R-3i	215.2	06/21/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	301	—	—	1	µg/L	Y	—	NQ	N3B-2021-1892	CAPU-21-229572	GELC
R-3i	215.2	06/27/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	281	—	—	1	µg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	267	—	—	1	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/24/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.107	0.0719	0.312	—	pCi/L	Y	U	U	N3B-2019-2281	CAPU-19-181507	GELC
R-3i	215.2	09/08/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0667	0.0797	0.267	—	pCi/L	Y	U	U	N3B-2020-1720	CAPU-20-206452	GELC
R-3i	215.2	06/21/2021	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.216	0.143	0.475	—	pCi/L	Y	U	UJ	N3B-2021-1892	CAPU-21-229571	GELC
R-3i	215.2	06/27/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.17	0.145	0.486	—	pCi/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.211	0.127	0.415	—	pCi/L	Y	U	UJ	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	28.6	—	—	1.33	mg/L	Y	—	NQ	N3B-2019-2281	CAPU-19-181506	GELC
R-3i	215.2	09/08/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	29.3	—	—	1.33	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206451	GELC
R-3i	215.2	06/21/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	30.7	—	—	1.33	mg/L	Y	—	NQ	N3B-2021-1892	CAPU-21-229572	GELC
R-3i	215.2	06/27/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	30.3	—	—	1.33	mg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	29	—	—	1.33	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/24/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	349	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2281	CAPU-19-181506	GELC
R-3i	215.2	09/08/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	356	—	—	3.4	mg/L	Y	—	J+	N3B-2020-1720	CAPU-20-206451	GELC
R-3i	215.2	06/21/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	350	—	—	3.4	mg/L	Y	—	J+	N3B-2021-1892	CAPU-21-229572	GELC
R-3i	215.2	06/27/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	330	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	300	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/24/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.736	—	—	0.33	mg/L	Y	J	J	N3B-2019-2281	CAPU-19-181507	GELC
R-3i	215.2	09/08/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.617	—	—	0.33	mg/L	Y	J	J	N3B-2020-1720	CAPU-20-206452	GELC
R-3i	215.2	06/21/2021	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.399	—	—	0.33	mg/L	Y	J	J	N3B-2021-1892	CAPU-21-229571	GELC
R-3i	215.2	06/27/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.557	—	—	0.33	mg/L	Y	J	J	N3B-2022-1981	CAPU-22-250832	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.712	—	—	0.33	mg/L	Y	J	J	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	7.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2281	CAPU-19-181506	GELC
R-3i	215.2	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	8.09	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206451	GELC
R-3i	215.2	06/21/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	8	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-1892	CAPU-21-229572	GELC
R-3i	215.2	06/27/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	7.91	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	6.94	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/24/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	3.54	0.144	0.121	—	pCi/L	Y	—	NQ	N3B-2019-2281	CAPU-19-181507	GELC
R-3i	215.2	09/08/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	3.68	0.133	0.0983	—	pCi/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206452	GELC
R-3i	215.2	06/21/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	4.26	0.176	0.156	—	pCi/L	Y	—	J	N3B-2021-1892	CAPU-21-229571	GELC
R-3i	215.2	06/27/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0314	0.0245	0.0889	—	pCi/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	3.28	0.193	0.0711	—	pCi/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/24/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0942	0.0282	0.102	—	pCi/L	Y	U	U	N3B-2019-2281	CAPU-19-181507	GELC
R-3i	215.2	09/08/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.103	0.0259	0.0648	—	pCi/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206452	GELC
R-3i	215.2	06/21/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.131	0.0419	0.128	—	pCi/L	Y	—	J	N3B-2021-1892	CAPU-21-229571	GELC
R-3i	215.2	06/27/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00616	0.0138	0.0925	—	pCi/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.148	0.0253	0.0678	—	pCi/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/24/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	2.47	0.12	0.0967	—	pCi/L	Y	—	NQ	N3B-2019-2281	CAPU-19-181507	GELC
R-3i	215.2	09/08/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	2.56	0.111	0.0879	—	pCi/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206452	GELC
R-3i	215.2	06/21/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	2.84	0.143	0.162	—	pCi/L	Y	—	J	N3B-2021-1892	CAPU-21-229571	GELC
R-3i	215.2	06/27/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0199	0.0234	0.102	—	pCi/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC
R-3i	215.2	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	2.25	0.14	0.0683	—	pCi/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287723	GELC
R-3i	215.2	06/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.51	—	—	1	µg/L	Y	J	J	N3B-2019-2281	CAPU-19-181506	GELC
R-3i	215.2	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.29	—	—	1	µg/L	Y	J	J	N3B-2020-1720	CAPU-20-206451	GELC
R-3i	215.2	06/21/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	3.53	—	—	1	µg/L	Y	J	J	N3B-2021-1892	CAPU-21-229572	GELC
R-3i	215.2	06/27/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	2.82	—	—	1	µg/L	Y	J	J	N3B-2022-1981	CAPU-22-250833	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	3.78	—	—	1	µg/L	Y	J	J	N3B-2023-3029	CAPU-23-287724	GELC
R-3i	215.2	06/24/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	13.7	—	—	3.3	µg/L	Y	J	U	N3B-2019-2281	CAPU-19-181506	GELC
R-3i	215.2	09/08/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	12.8	—	—	3.3	µg/L	Y	J	U	N3B-2020-1720	CAPU-20-206451	GELC
R-3i	215.2	06/21/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	8.52	—	—	3.3	µg/L	Y	J	J	N3B-2021-1892	CAPU-21-229572	GELC
R-3i	215.2	06/27/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	12.4	—	—	3.3	µg/L	Y	J	J	N3B-2022-1981	CAPU-22-250833	GELC
R-3i	215.2	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	4.41	—	—	3.3	µg/L	Y	J	J	N3B-2023-3029	CAPU-23-287724	GELC
R-4	792.9	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.33	—	—	0.01	SU	Y	H	NQ	N3B-2019-2203	CAPU-19-181517	GELC
R-4	792.9	06/13/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.33	—	—	0.01	SU	Y	H	NQ	N3B-2019-2203	CAPU-19-181520	GELC
R-4	792.9	09/04/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.12	—	—	0.01	SU	Y	H	NQ	N3B-2020-1708	CAPU-20-206469	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-4	792.9	09/04/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	0.01	SU	Y	H	NQ	N3B-2020-1708	CAPU-20-206471	GELC
R-4	792.9	06/09/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.33	—	—	0.01	SU	Y	H	J	N3B-2021-1799	CAPU-21-229587	GELC
R-4	792.9	06/28/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.36	—	—	0.01	SU	Y	H	J	N3B-2022-2035	CAPU-22-250853	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.47	—	—	0.01	SU	Y	H	J	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2019-2203	CAPU-19-181517	GELC
R-4	792.9	06/13/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2019-2203	CAPU-19-181520	GELC
R-4	792.9	09/04/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2020-1708	CAPU-20-206469	GELC
R-4	792.9	09/04/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2020-1708	CAPU-20-206471	GELC
R-4	792.9	06/09/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2021-1799	CAPU-21-229587	GELC
R-4	792.9	06/28/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2022-2035	CAPU-22-250853	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	3	—	—	0.725	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181517	GELC
R-4	792.9	06/13/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181520	GELC
R-4	792.9	09/04/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206469	GELC
R-4	792.9	09/04/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206471	GELC
R-4	792.9	06/09/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-1799	CAPU-21-229587	GELC
R-4	792.9	06/28/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.9	—	—	0.725	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/13/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00809	0.00757	0.0294	—	pCi/L	Y	U	U	N3B-2019-2203	CAPU-19-181518	GELC
R-4	792.9	06/13/2019	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0117	0.0137	0.0424	—	pCi/L	Y	U	U	N3B-2019-2203	CAPU-19-181521	GELC
R-4	792.9	09/04/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0224	0.0105	0.0406	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206470	GELC
R-4	792.9	09/04/2020	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0272	0.01	0.0379	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206472	GELC
R-4	792.9	06/09/2021	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0118	0.0118	0.0418	—	pCi/L	Y	U	U	N3B-2021-1799	CAPU-21-229586	GELC
R-4	792.9	06/28/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00827	0.00654	0.0392	—	pCi/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0146	0.0127	0.0473	—	pCi/L	Y	U	UJ	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.61	—	—	2	µg/L	Y	J	J	N3B-2019-2203	CAPU-19-181517	GELC
R-4	792.9	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	2.41	—	—	2	µg/L	Y	J	J	N3B-2019-2203	CAPU-19-181520	GELC
R-4	792.9	09/04/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.06	—	—	2	µg/L	Y	J	J	N3B-2020-1708	CAPU-20-206469	GELC
R-4	792.9	09/04/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.29	—	—	2	µg/L	Y	J	J	N3B-2020-1708	CAPU-20-206471	GELC
R-4	792.9	06/09/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.26	—	—	2	µg/L	Y	J	J	N3B-2021-1799	CAPU-21-229587	GELC
R-4	792.9	06/28/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.46	—	—	2	µg/L	Y	J	J	N3B-2022-2035	CAPU-22-250853	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.7	—	—	2	µg/L	Y	J	J	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	36.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181517	GELC
R-4	792.9	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	35.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181520	GELC
R-4	792.9	09/04/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	37.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206469	GELC
R-4	792.9	09/04/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	37.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206471	GELC
R-4	792.9	06/09/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.9	—	—	1	µg/L	Y	—	NQ	N3B-2021-1799	CAPU-21-229587	GELC
R-4	792.9	06/28/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	35.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	41.8	—	—	1	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	24	—	—	15	µg/L	Y	J	J	N3B-2019-2203	CAPU-19-181517	GELC
R-4	792.9	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	24	—	—	15	µg/L	Y	J	J	N3B-2019-2203	CAPU-19-181520	GELC
R-4	792.9	09/04/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	30.9	—	—	15	µg/L	Y	J	J	N3B-2020-1708	CAPU-20-206469	GELC
R-4	792.9	09/04/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	29.1	—	—	15	µg/L	Y	J	J	N3B-2020-1708	CAPU-20-206471	GELC
R-4	792.9	06/09/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	28.5	—	—	15	µg/L	Y	J	J	N3B-2021-1799	CAPU-21-229587	GELC
R-4	792.9	06/28/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	25.6	—	—	15	µg/L	Y	J	J	N3B-2022-2035	CAPU-22-250853	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	26.2	—	—	15	µg/L	Y	J	J	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181517	GELC
R-4	792.9	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181520	GELC
R-4	792.9	09/04/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206469	GELC
R-4	792.9	09/04/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206471	GELC
R-4	792.9	06/09/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	19.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1799	CAPU-21-229587	GELC
R-4	792.9	06/28/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	18.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	20.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/13/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0227	0.917	3.47	—	pCi/L	Y	U	U	N3B-2019-2203	CAPU-19-181518	GELC
R-4	792.9	06/13/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	4.43	3.13	3.91	—	pCi/L	Y	UI	U	N3B-2019-2203	CAPU-19-181521	GELC
R-4	792.9	09/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.29	1.12	4.21	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206470	GELC
R-4	792.9	09/04/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.61	1.16	4.77	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206472	GELC
R-4	792.9	06/09/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.03	1.39	4.79	—	pCi/L	Y	U	U	N3B-2021-1799	CAPU-21-229586	GELC
R-4	792.9	06/28/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.07	1.74	5.72	—	pCi/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.134	1.14	4.3	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.64	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181517	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-4	792.9	06/13/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.57	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181520	GELC
R-4	792.9	09/04/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.53	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206469	GELC
R-4	792.9	09/04/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.51	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206471	GELC
R-4	792.9	06/09/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.77	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-1799	CAPU-21-229587	GELC
R-4	792.9	06/28/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.47	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.01	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.78	—	—	3	µg/L	Y	J	J	N3B-2019-2203	CAPU-19-181517	GELC
R-4	792.9	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.86	—	—	3	µg/L	Y	J	J	N3B-2019-2203	CAPU-19-181520	GELC
R-4	792.9	09/04/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.14	—	—	3	µg/L	Y	J	J	N3B-2020-1708	CAPU-20-206469	GELC
R-4	792.9	09/04/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.14	—	—	3	µg/L	Y	J	J	N3B-2020-1708	CAPU-20-206471	GELC
R-4	792.9	06/09/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.22	—	—	3	µg/L	Y	J	J	N3B-2021-1799	CAPU-21-229587	GELC
R-4	792.9	06/28/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.04	—	—	3	µg/L	Y	J	J	N3B-2022-2035	CAPU-22-250853	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.24	—	—	3	µg/L	Y	J	J	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/13/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.483	1.25	4.7	—	pCi/L	Y	U	U	N3B-2019-2203	CAPU-19-181518	GELC
R-4	792.9	06/13/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.675	1.08	4.59	—	pCi/L	Y	U	U	N3B-2019-2203	CAPU-19-181521	GELC
R-4	792.9	09/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.3	1.23	4.39	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206470	GELC
R-4	792.9	09/04/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.26	1.2	4.23	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206472	GELC
R-4	792.9	06/09/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.95	1.25	5.45	—	pCi/L	Y	U	U	N3B-2021-1799	CAPU-21-229586	GELC
R-4	792.9	06/28/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	3.06	1.75	6.76	—	pCi/L	Y	U	UJ	N3B-2022-2035	CAPU-22-250852	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0506	1.05	3.9	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.737	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181517	GELC
R-4	792.9	06/13/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.736	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181520	GELC
R-4	792.9	09/04/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.729	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206469	GELC
R-4	792.9	09/04/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.731	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206471	GELC
R-4	792.9	06/09/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.655	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1799	CAPU-21-229587	GELC
R-4	792.9	06/28/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.726	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.909	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/13/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.63	1.06	3.51	—	pCi/L	Y	U	U	N3B-2019-2203	CAPU-19-181518	GELC
R-4	792.9	06/13/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.156	0.543	2.71	—	pCi/L	Y	U	U	N3B-2019-2203	CAPU-19-181521	GELC
R-4	792.9	09/04/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.03	0.698	2.34	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206470	GELC
R-4	792.9	09/04/2020	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.881	0.707	2.47	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206472	GELC
R-4	792.9	06/09/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0295	0.588	2.68	—	pCi/L	Y	U	U	N3B-2021-1799	CAPU-21-229586	GELC
R-4	792.9	06/28/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.641	0.598	2.21	—	pCi/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.24	0.645	1.9	—	pCi/L	Y	U	UJ	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/13/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.27	0.44	1.32	—	pCi/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181518	GELC
R-4	792.9	06/13/2019	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	3.37	0.46	1.39	—	pCi/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181521	GELC
R-4	792.9	09/04/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.52	0.899	2.81	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206470	GELC
R-4	792.9	09/04/2020	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	2.66	0.921	2.88	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206472	GELC
R-4	792.9	06/09/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.12	0.704	2.01	—	pCi/L	Y	—	NQ	N3B-2021-1799	CAPU-21-229586	GELC
R-4	792.9	06/28/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	3.5	0.994	2.87	—	pCi/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250852	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	3.13	0.9	2.58	—	pCi/L	Y	—	U	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181517	GELC
R-4	792.9	06/13/2019	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181520	GELC
R-4	792.9	09/04/2020	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206469	GELC
R-4	792.9	09/04/2020	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206471	GELC
R-4	792.9	06/09/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-1799	CAPU-21-229587	GELC
R-4	792.9	06/28/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.57	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181517	GELC
R-4	792.9	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.44	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181520	GELC
R-4	792.9	09/04/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.8	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206469	GELC
R-4	792.9	09/04/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.81	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206471	GELC
R-4	792.9	06/09/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.91	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-1799	CAPU-21-229587	GELC
R-4	792.9	06/28/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.74	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	4.09	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.97	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181517	GELC
R-4	792.9	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.92	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181520	GELC
R-4	792.9	09/04/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.76	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206469	GELC
R-4	792.9	09/04/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.73	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206471	GELC
R-4	792.9	06/09/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	2.08	—	—	0.2	µg/L	Y	—	J+	N3B-2021-1799	CAPU-21-229587	GELC
R-4	792.9	06/28/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.75	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	2.01	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/13/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.26	2.06	6.73	—	pCi/L	Y	U	U	N3B-2019-2203	CAPU-19-181518	GELC
R-4	792.9	06/13/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	8.38	3.84	8.29	—	pCi/L	Y	UI	U	N3B-2019-2203	CAPU-19-181521	GELC
R-4	792.9	09/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.88	1.91	7.69	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206470	GELC
R-4	792.9	09/04/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.27	2.37	8.32	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206472	GELC
R-4	792.9	06/09/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.33	2.52	8.47	—	pCi/L	Y	U	U	N3B-2021-1799	CAPU-21-229586	GELC
R-4	792.9	06/28/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.22	2.68	8.51	—	pCi/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.34	1.93	7.41	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2019-2203	CAPU-19-181517	GELC
R-4	792.9	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.602	—	—	0.6	µg/L	Y	J	J	N3B-2019-2203	CAPU-19-181520	GELC
R-4	792.9	09/04/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2020-1708	CAPU-20-206469	GELC
R-4	792.9	09/04/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2020-1708	CAPU-20-206471	GELC
R-4	792.9	06/09/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2021-1799	CAPU-21-229587	GELC
R-4	792.9	06/28/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	0.702	—	—	0.6	µg/L	Y	J	J	N3B-2022-2035	CAPU-22-250853	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	0.666	—	—	0.6	µg/L	Y	J	J	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.32	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181517	GELC
R-4	792.9	06/13/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.29	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181520	GELC
R-4	792.9	09/04/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.28	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206469	GELC
R-4	792.9	09/04/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.29	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206471	GELC
R-4	792.9	06/09/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.31	—	—	0.085	mg/L	Y	—	NQ	N3B-2021-1799	CAPU-21-229587	GELC
R-4	792.9	06/28/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.44	—	—	0.085	mg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.52	—	—	0.085	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/13/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	6.15	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181517	GELC
R-4	792.9	06/13/2019	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	5.98	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181520	GELC
R-4	792.9	09/04/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	6.08	—	—	0.25	µg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206469	GELC
R-4	792.9	09/04/2020	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	6.48	—	—	0.25	µg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206471	GELC
R-4	792.9	06/09/2021	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	6.68	—	—	0.25	µg/L	Y	—	NQ	N3B-2021-1799	CAPU-21-229587	GELC
R-4	792.9	06/28/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	2.42	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	2.95	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/13/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0217	0.0123	0.0383	—	pCi/L	Y	U	U	N3B-2019-2203	CAPU-19-181518	GELC
R-4	792.9	06/13/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00897	0.0138	0.0427	—	pCi/L	Y	U	U	N3B-2019-2203	CAPU-19-181521	GELC
R-4	792.9	09/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0214	0.0105	0.0465	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206470	GELC
R-4	792.9	09/04/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.021	0.0108	0.0652	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206472	GELC
R-4	792.9	06/09/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00765	0.0132	0.0947	—	pCi/L	Y	U	U	N3B-2021-1799	CAPU-21-229586	GELC
R-4	792.9	06/28/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00999	0.00663	0.0409	—	pCi/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00689	0.0376	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/13/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0152	0.00782	0.0419	—	pCi/L	Y	U	U	N3B-2019-2203	CAPU-19-181518	GELC
R-4	792.9	06/13/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00373	0.00868	0.0468	—	pCi/L	Y	U	U	N3B-2019-2203	CAPU-19-181521	GELC
R-4	792.9	09/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00641	0.00882	0.0629	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206470	GELC
R-4	792.9	09/04/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.015	0.0116	0.0882	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206472	GELC
R-4	792.9	06/09/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.065	0.022	0.096	—	pCi/L	Y	U	UJ	N3B-2021-1799	CAPU-21-229586	GELC
R-4	792.9	06/28/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.004	0.00692	0.0359	—	pCi/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0147	0.00736	0.0387	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.45	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181517	GELC
R-4	792.9	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	2.47	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181520	GELC
R-4	792.9	09/04/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.81	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1708	CAPU-20-206469	GELC
R-4	792.9	09/04/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	2.75	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1708	CAPU-20-206471	GELC
R-4	792.9	06/09/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.69	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1799	CAPU-21-229587	GELC
R-4	792.9	06/28/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.75	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/13/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-12.1	13.4	52.7	—	pCi/L	Y	U	U	N3B-2019-2203	CAPU-19-181518	GELC
R-4	792.9	06/13/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	22.2	13.1	33.9	—	pCi/L	Y	U	U	N3B-2019-2203	CAPU-19-181521	GELC
R-4	792.9	09/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-1.47	16.7	62.4	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206470	GELC
R-4	792.9	09/04/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	7.66	20.9	46.1	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206472	GELC
R-4	792.9	06/09/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	26.7	20.5	56	—	pCi/L	Y	U	UJ	N3B-2021-1799	CAPU-21-229586	GELC
R-4	792.9	06/28/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	9.09	25.5	84.2	—	pCi/L	Y	U	UJ	N3B-2022-2035	CAPU-22-250852	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	8.48	15.4	38.7	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	01/22/2008	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0896	0.1	0.36	—	pCi/L	Y	U	U	08-562	CAPU-08-9894	GELC
R-4	792.9	01/22/2008	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.652	0.15	0.23	—	pCi/L	Y	—	NQ	08-562	CAPU-08-9891	GELC
R-4	792.9	09/04/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.282	0.134	0.386	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206470	GELC
R-4	792.9	09/04/2020	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.167	0.132	0.462	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206472	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-4	792.9	06/09/2021	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.203	0.0956	0.259	—	pCi/L	Y	U	UJ	N3B-2021-1799	CAPU-21-229586	GELC
R-4	792.9	06/28/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.514	0.18	0.489	—	pCi/L	Y	—	U	N3B-2022-2035	CAPU-22-250852	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.342	0.115	0.238	—	pCi/L	Y	—	U	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	09/04/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.282	0.209	—	—	pCi/L	Y	—	U	N3B-2020-1708	CAPU-20-206470	GELC
R-4	792.9	09/04/2020	WG	UF	INIT	FD	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.672	0.249	—	—	pCi/L	Y	—	U	N3B-2020-1708	CAPU-20-206472	GELC
R-4	792.9	06/09/2021	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.363	0.208	—	—	pCi/L	Y	—	UJ	N3B-2021-1799	CAPU-21-229586	GELC
R-4	792.9	06/28/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.514	0.263	—	—	pCi/L	Y	J	J	N3B-2022-2035	CAPU-22-250852	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.531	0.233	—	—	pCi/L	Y	J	U	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	01/22/2008	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	Y	0.675	0.17	0.46	—	pCi/L	Y	—	NQ	08-562	CAPU-08-9894	GELC
R-4	792.9	01/22/2008	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.77	0.21	0.48	—	pCi/L	Y	—	NQ	08-562	CAPU-08-9891	GELC
R-4	792.9	09/04/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.322	0.161	0.668	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206470	GELC
R-4	792.9	09/04/2020	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.505	0.211	0.657	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206472	GELC
R-4	792.9	06/09/2021	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.161	0.185	0.648	—	pCi/L	Y	U	U	N3B-2021-1799	CAPU-21-229586	GELC
R-4	792.9	06/28/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.196	0.192	0.744	—	pCi/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.189	0.202	0.696	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181517	GELC
R-4	792.9	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181520	GELC
R-4	792.9	09/04/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206469	GELC
R-4	792.9	09/04/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206471	GELC
R-4	792.9	06/09/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-1799	CAPU-21-229587	GELC
R-4	792.9	06/28/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	66.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	73.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181517	GELC
R-4	792.9	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181520	GELC
R-4	792.9	09/04/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206469	GELC
R-4	792.9	09/04/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206471	GELC
R-4	792.9	06/09/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-1799	CAPU-21-229587	GELC
R-4	792.9	06/28/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	12.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/13/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.618	0.866	3.27	—	pCi/L	Y	U	U	N3B-2019-2203	CAPU-19-181518	GELC
R-4	792.9	06/13/2019	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.417	0.886	3.87	—	pCi/L	Y	U	U	N3B-2019-2203	CAPU-19-181521	GELC
R-4	792.9	09/04/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.52	0.993	3.37	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206470	GELC
R-4	792.9	09/04/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.02	1.02	3.66	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206472	GELC
R-4	792.9	06/09/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.872	1.48	5.27	—	pCi/L	Y	U	U	N3B-2021-1799	CAPU-21-229586	GELC
R-4	792.9	06/28/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.72	1.53	6.03	—	pCi/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.697	1.25	4.31	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	201	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2203	CAPU-19-181517	GELC
R-4	792.9	06/13/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	187	—	—	1	µS/cm	Y	—	NQ	N3B-2019-2203	CAPU-19-181520	GELC
R-4	792.9	09/04/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	191	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1708	CAPU-20-206469	GELC
R-4	792.9	09/04/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	191	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1708	CAPU-20-206471	GELC
R-4	792.9	06/09/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	196	—	—	1	µS/cm	Y	—	NQ	N3B-2021-1799	CAPU-21-229587	GELC
R-4	792.9	06/28/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	202	—	—	1	µS/cm	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	194	—	—	1	µS/cm	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	78.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181517	GELC
R-4	792.9	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	76.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181520	GELC
R-4	792.9	09/04/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	86.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206469	GELC
R-4	792.9	09/04/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	85.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206471	GELC
R-4	792.9	06/09/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	89.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-1799	CAPU-21-229587	GELC
R-4	792.9	06/28/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	77.6	—	—	1	µg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	96.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/13/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.283	0.116	0.486	—	pCi/L	Y	U	U	N3B-2019-2203	CAPU-19-181518	GELC
R-4	792.9	06/13/2019	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0247	0.137	0.487	—	pCi/L	Y	U	U	N3B-2019-2203	CAPU-19-181521	GELC
R-4	792.9	09/04/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.248	0.109	0.491	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206470	GELC
R-4	792.9	09/04/2020	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0975	0.135	0.479	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206472	GELC
R-4	792.9	06/09/2021	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	0.656	0.171	0.497	—	pCi/L	Y	—	NQ	N3B-2021-1799	CAPU-21-229586	GELC
R-4	792.9	06/28/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.19	0.115	0.376	—	pCi/L	Y	U	UJ	N3B-2022-2035	CAPU-22-250852	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.259	0.105	0.335	—	pCi/L	Y	U	UJ	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.79	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181517	GELC
R-4	792.9	06/13/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.79	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181520	GELC
R-4	792.9	09/04/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.49	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206469	GELC
R-4	792.9	09/04/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.43	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206471	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-4	792.9	06/09/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.92	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-1799	CAPU-21-229587	GELC
R-4	792.9	06/28/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.42	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.64	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/13/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	177	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181517	GELC
R-4	792.9	06/13/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	241	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181520	GELC
R-4	792.9	09/04/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	177	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206469	GELC
R-4	792.9	09/04/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	170	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206471	GELC
R-4	792.9	06/09/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-1799	CAPU-21-229587	GELC
R-4	792.9	06/28/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	173	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.647	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181517	GELC
R-4	792.9	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.599	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181520	GELC
R-4	792.9	09/04/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.609	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206469	GELC
R-4	792.9	09/04/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	0.587	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206471	GELC
R-4	792.9	06/09/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.714	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-1799	CAPU-21-229587	GELC
R-4	792.9	06/28/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.927	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.999	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
R-4	792.9	06/13/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.508	0.0332	0.0499	—	pCi/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181518	GELC
R-4	792.9	06/13/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.483	0.0327	0.0504	—	pCi/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181521	GELC
R-4	792.9	09/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.43	0.0488	0.105	—	pCi/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206470	GELC
R-4	792.9	09/04/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.456	0.0494	0.105	—	pCi/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206472	GELC
R-4	792.9	06/09/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.603	0.0406	0.0522	—	pCi/L	Y	—	NQ	N3B-2021-1799	CAPU-21-229586	GELC
R-4	792.9	06/28/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0251	0.0159	0.06	—	pCi/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.821	0.0707	0.0822	—	pCi/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/13/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00254	0.00672	0.0418	—	pCi/L	Y	U	U	N3B-2019-2203	CAPU-19-181518	GELC
R-4	792.9	06/13/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00769	0.00924	0.0422	—	pCi/L	Y	U	U	N3B-2019-2203	CAPU-19-181521	GELC
R-4	792.9	09/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0126	0.0113	0.0693	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206470	GELC
R-4	792.9	09/04/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00625	0.00938	0.069	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206472	GELC
R-4	792.9	06/09/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0347	0.0131	0.043	—	pCi/L	Y	U	UJ	N3B-2021-1799	CAPU-21-229586	GELC
R-4	792.9	06/28/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0166	0.0102	0.0624	—	pCi/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0215	0.0142	0.0785	—	pCi/L	Y	U	U	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/13/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.222	0.0221	0.0397	—	pCi/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181518	GELC
R-4	792.9	06/13/2019	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.211	0.0219	0.04	—	pCi/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181521	GELC
R-4	792.9	09/04/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.178	0.0306	0.094	—	pCi/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206470	GELC
R-4	792.9	09/04/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.2	0.0326	0.0935	—	pCi/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206472	GELC
R-4	792.9	06/09/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.27	0.0274	0.0543	—	pCi/L	Y	—	NQ	N3B-2021-1799	CAPU-21-229586	GELC
R-4	792.9	06/28/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.037	0.0148	0.0689	—	pCi/L	Y	U	UJ	N3B-2022-2035	CAPU-22-250852	GELC
R-4	792.9	06/12/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.316	0.0386	0.0789	—	pCi/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287737	GELC
R-4	792.9	06/13/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.41	—	—	1	µg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181517	GELC
R-4	792.9	06/13/2019	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.47	—	—	1	µg/L	Y	—	NQ	N3B-2019-2203	CAPU-19-181520	GELC
R-4	792.9	09/04/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.52	—	—	1	µg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206469	GELC
R-4	792.9	09/04/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	6.99	—	—	1	µg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206471	GELC
R-4	792.9	06/09/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.55	—	—	1	µg/L	Y	—	NQ	N3B-2021-1799	CAPU-21-229587	GELC
R-4	792.9	06/28/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	6.75	—	—	1	µg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC
R-4	792.9	06/12/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	7.58	—	—	1	µg/L	Y	—	NQ	N3B-2023-3029	CAPU-23-287738	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.5	—	—	0.01	SU	Y	H	NQ	N3B-2019-117	CAWR-19-162032	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	—	—	0.01	SU	Y	H	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/01/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.42	—	—	0.01	SU	Y	H	NQ	N3B-2021-13	CAWR-21-208743	GELC
Sacred Spring	—	10/12/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.37	—	—	0.01	SU	Y	H	J	N3B-2022-64	CAWR-22-234632	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.78	—	—	0.01	SU	Y	H	J	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	218	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	164	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/01/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	138	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208743	GELC
Sacred Spring	—	10/12/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	166	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234632	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	121	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00685	0.00942	0.0545	—	pCi/L	Y	U	U	N3B-2019-117	CAWR-19-162033	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00212	0.00702	0.0287	—	pCi/L	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/01/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0194	0.00922	0.0504	—	pCi/L	Y	U	U	N3B-2021-13	CAWR-21-208744	GELC
Sacred Spring	—	10/12/2021	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00667	0.102	—	pCi/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00116	0.00724	0.0627	—	pCi/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.99	—	—	2	µg/L	Y	J	J	N3B-2019-117	CAWR-19-162032	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.76	—	—	2	µg/L	Y	J	J	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	3.99	—	—	2	µg/L	Y	J	U	N3B-2021-13	CAWR-21-208743	GELC
Sacred Spring	—	10/12/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.35	—	—	2	µg/L	Y	J	J	N3B-2022-64	CAWR-22-234632	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.68	—	—	2	µg/L	Y	J	J	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	168	—	—	1	µg/L	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	124	—	—	1	µg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	106	—	—	1	µg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208743	GELC
Sacred Spring	—	10/12/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	120	—	—	1	µg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234632	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	105	—	—	1	µg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	30.5	—	—	15	µg/L	Y	J	J	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	30.2	—	—	15	µg/L	Y	J	J	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	36.8	—	—	15	µg/L	Y	J	J	N3B-2021-13	CAWR-21-208743	GELC
Sacred Spring	—	10/12/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	29.3	—	—	15	µg/L	Y	J	J	N3B-2022-64	CAWR-22-234632	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	31.1	—	—	15	µg/L	Y	J	J	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	62.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	44.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	34.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208743	GELC
Sacred Spring	—	10/12/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	42.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234632	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	36.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.764	1.04	3.59	—	pCi/L	Y	U	U	N3B-2019-117	CAWR-19-162033	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.618	1.41	5.09	—	pCi/L	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/01/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.827	1.28	4.89	—	pCi/L	Y	U	U	N3B-2021-13	CAWR-21-208744	GELC
Sacred Spring	—	10/12/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.162	1.29	4.23	—	pCi/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.841	1.36	4.79	—	pCi/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.68	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.06	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/01/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.52	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208743	GELC
Sacred Spring	—	10/12/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.83	—	—	0.067	mg/L	Y	—	J+	N3B-2022-64	CAWR-22-234632	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.51	—	—	0.067	mg/L	Y	—	J+	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	3.05	1.5	4.75	—	pCi/L	Y	U	U	N3B-2019-117	CAWR-19-162033	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.614	1.08	4.99	—	pCi/L	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/01/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.248	1.42	5.34	—	pCi/L	Y	U	U	N3B-2021-13	CAWR-21-208744	GELC
Sacred Spring	—	10/12/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.221	1.04	3.85	—	pCi/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.639	1.23	4.6	—	pCi/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.645	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.655	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/01/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.544	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208743	GELC
Sacred Spring	—	10/12/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.491	—	—	0.033	mg/L	Y	—	J-	N3B-2022-64	CAWR-22-234632	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.665	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.483	0.753	2.93	—	pCi/L	Y	U	U	N3B-2019-117	CAWR-19-162033	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.928	0.788	2.78	—	pCi/L	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/01/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.693	0.774	2.84	—	pCi/L	Y	U	U	N3B-2021-13	CAWR-21-208744	GELC
Sacred Spring	—	10/12/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	4.51	1.32	2.73	—	pCi/L	Y	—	UJ	N3B-2022-64	CAWR-22-234631	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	Y	9.88	1.87	2.83	—	pCi/L	Y	—	NQ	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.44	0.859	2.27	—	pCi/L	Y	—	NQ	N3B-2019-117	CAWR-19-162033	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.58	0.821	2.63	—	pCi/L	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/01/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.94	0.777	2.46	—	pCi/L	Y	U	U	N3B-2021-13	CAWR-21-208744	GELC
Sacred Spring	—	10/12/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.07	0.729	2.43	—	pCi/L	Y	U	UJ	N3B-2022-64	CAWR-22-234631	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	15.5	1.44	2.17	—	pCi/L	Y	—	J+	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	170	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	123	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/01/2020	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	93.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208743	GELC
Sacred Spring	—	10/12/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	116	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234632	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	98.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	717	—	—	30	µg/L	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	369	—	—	30	µg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	481	—	—	30	µg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208743	GELC
Sacred Spring	—	10/12/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	Y	472	—	—	30	µg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234632	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	Y	256	—	—	30	µg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.46	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.65	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Sacred Spring	—	10/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	1.87	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208743	GELC
Sacred Spring	—	10/12/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	2.23	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234632	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	1.97	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	482	—	—	2	µg/L	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	374	—	—	2	µg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	211	—	—	2	µg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208743	GELC
Sacred Spring	—	10/12/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	Y	215	—	—	2	µg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234632	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	Y	125	—	—	2	µg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.22	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.8	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	2.34	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208743	GELC
Sacred Spring	—	10/12/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.45	—	—	0.2	µg/L	Y	—	J+	N3B-2022-64	CAWR-22-234632	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.91	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.77	2.25	8.2	—	pCi/L	Y	U	U	N3B-2019-117	CAWR-19-162033	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.01	2.66	9.28	—	pCi/L	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/01/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.65	2.36	8.09	—	pCi/L	Y	U	U	N3B-2021-13	CAWR-21-208744	GELC
Sacred Spring	—	10/12/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.72	1.83	6.32	—	pCi/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.33	2.3	8.74	—	pCi/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.011	0.00906	0.0381	—	pCi/L	Y	U	U	N3B-2019-117	CAWR-19-162033	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0102	0.0448	—	pCi/L	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/01/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00268	0.00803	0.0582	—	pCi/L	Y	U	U	N3B-2021-13	CAWR-21-208744	GELC
Sacred Spring	—	10/12/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0126	0.00891	0.0692	—	pCi/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0201	0.0118	0.0576	—	pCi/L	Y	U	U	N3B-2023-116	CAWR-23-259041	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	0.0419	—	pCi/L	Y	U	U	N3B-2019-117	CAWR-19-162033	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	0.0483	—	pCi/L	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/01/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0134	0.0117	0.0787	—	pCi/L	Y	U	U	N3B-2021-13	CAWR-21-208744	GELC
Sacred Spring	—	10/12/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00314	0.0104	0.0688	—	pCi/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0115	0.0115	0.0608	—	pCi/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.63	—	—	0.05	mg/L	Y	E	J+	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.36	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.11	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208743	GELC
Sacred Spring	—	10/12/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2	—	—	0.05	mg/L	Y	—	J+	N3B-2022-64	CAWR-22-234632	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.15	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	3.1	22.4	38.5	—	pCi/L	Y	U	U	N3B-2019-117	CAWR-19-162033	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-2.5	20.4	80.7	—	pCi/L	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/01/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	13.5	20.5	52.8	—	pCi/L	Y	U	U	N3B-2021-13	CAWR-21-208744	GELC
Sacred Spring	—	10/12/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-13.3	13.7	45.1	—	pCi/L	Y	U	UJ	N3B-2022-64	CAWR-22-234631	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	5.03	18.4	73.8	—	pCi/L	Y	U	UJ	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.382	0.128	0.325	—	pCi/L	Y	—	NQ	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/01/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.338	0.119	0.311	—	pCi/L	Y	—	U	N3B-2021-13	CAWR-21-208744	GELC
Sacred Spring	—	10/12/2021	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.934	0.197	0.359	—	pCi/L	Y	—	U	N3B-2022-64	CAWR-22-234631	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	1.12	0.267	0.512	—	pCi/L	Y	—	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	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	—	10/01/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.499	0.21	—	—	pCi/L	Y	—	U	N3B-2021-13	CAWR-21-208744	GELC
Sacred Spring	—	10/12/2021	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	1.36	0.254	—	—	pCi/L	Y	—	U	N3B-2022-64	CAWR-22-234631	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	1.78	0.344	—	—	pCi/L	Y	—	NQ	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.13	0.204	0.767	—	pCi/L	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/01/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.161	0.172	0.596	—	pCi/L	Y	U	U	N3B-2021-13	CAWR-21-208744	GELC
Sacred Spring	—	10/12/2021	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.428	0.161	0.455	—	pCi/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.653	0.216	0.593	—	pCi/L	Y	—	NQ	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	54.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	48.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	44.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208743	GELC
Sacred Spring	—	10/12/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	50.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234632	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	51.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	28.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	22.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	22.3	—	—	0.1	mg/L	Y	—	J-	N3B-2021-13	CAWR-21-208743	GELC
Sacred Spring	—	10/12/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	23.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234632	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	23	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	3.98	1.41	3.68	—	pCi/L	Y	UI	U	N3B-2019-117	CAWR-19-162033	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.711	1.42	6.08	—	pCi/L	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/01/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.89	2.19	4.65	—	pCi/L	Y	U	U	N3B-2021-13	CAWR-21-208744	GELC
Sacred Spring	—	10/12/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.272	0.973	3.78	—	pCi/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.636	0.894	3.37	—	pCi/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	423	—	—	1	µS/cm	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	337	—	—	1	µS/cm	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/01/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	290	—	—	1	µS/cm	Y	—	NQ	N3B-2021-13	CAWR-21-208743	GELC
Sacred Spring	—	10/12/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	386	—	—	1	µS/cm	Y	—	NQ	N3B-2022-64	CAWR-22-234632	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	254	—	—	1	µS/cm	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	572	—	—	1	µg/L	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	446	—	—	1	µg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	392	—	—	1	µg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208743	GELC
Sacred Spring	—	10/12/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	435	—	—	1	µg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234632	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	426	—	—	1	µg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0636	0.0921	0.311	—	pCi/L	Y	U	U	N3B-2019-117	CAWR-19-162033	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.05	0.0805	0.278	—	pCi/L	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/01/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.19	0.135	0.494	—	pCi/L	Y	U	U	N3B-2021-13	CAWR-21-208744	GELC
Sacred Spring	—	10/12/2021	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.438	0.149	0.456	—	pCi/L	Y	U	UJ	N3B-2022-64	CAWR-22-234631	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.127	0.107	0.353	—	pCi/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.9	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.12	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/01/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.87	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208743	GELC
Sacred Spring	—	10/12/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.67	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234632	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	267	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	200	—	—	3.4	mg/L	Y	—	J	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/01/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	187	—	—	3.4	mg/L	Y	—	J+	N3B-2021-13	CAWR-21-208743	GELC
Sacred Spring	—	10/12/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	234	—	—	3.4	mg/L	Y	—	J+	N3B-2022-64	CAWR-22-234632	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	210	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.38	—	—	0.33	mg/L	Y	—	NQ	N3B-2019-117	CAWR-19-162033	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	1.32	—	—	0.33	mg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/01/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.718	—	—	0.33	mg/L	Y	J	J+	N3B-2021-13	CAWR-21-208744	GELC
Sacred Spring	—	10/12/2021	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.735	—	—	0.33	mg/L	Y	J	J	N3B-2022-64	CAWR-22-234631	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.497	—	—	0.33	mg/L	Y	J	J	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.673	1.008	3.358	—	pCi/L	Y	U	U	N3B-2019-125	CAWR-19-162033	ARSL
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.161	0.811	2.742	—	pCi/L	Y	U	U	N3B-2020-89	CAWR-20-186492	ARSL
Sacred Spring	—	10/01/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.743	0.941	3.146	—	pCi/L	Y	U	U	N3B-2021-45	CAWR-21-208744	ARSL
Sacred Spring	—	10/12/2021	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.716	0.893	2.955	—	pCi/L	Y	U	UJ	N3B-2022-120	CAWR-22-234631	ARSL
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.631	0.973	2.858	—	pCi/L	Y	U	UJ	N3B-2023-136	CAWR-23-259041	ARSL
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.434	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.397	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.625	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208743	GELC
Sacred Spring	—	10/12/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.569	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234632	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.726	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.252	0.0249	0.0659	—	pCi/L	Y	—	NQ	N3B-2019-117	CAWR-19-162033	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.247	0.0264	0.0513	—	pCi/L	Y	—	NQ	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/01/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.399	0.0348	0.065	—	pCi/L	Y	—	NQ	N3B-2021-13	CAWR-21-208744	GELC
Sacred Spring	—	10/12/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.331	0.0379	0.0753	—	pCi/L	Y	—	NQ	N3B-2022-64	CAWR-22-234631	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.491	0.0463	0.0524	—	pCi/L	Y	—	NQ	N3B-2023-116	CAWR-23-259041	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	0.0639	—	pCi/L	Y	U	U	N3B-2019-117	CAWR-19-162033	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	0.0379	—	pCi/L	Y	U	U	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/01/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0206	0.0119	0.0422	—	pCi/L	Y	U	U	N3B-2021-13	CAWR-21-208744	GELC
Sacred Spring	—	10/12/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.011	0.00975	0.0589	—	pCi/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0163	0.0134	0.0511	—	pCi/L	Y	U	U	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.167	0.0192	0.0651	—	pCi/L	Y	—	NQ	N3B-2019-117	CAWR-19-162033	GELC
Sacred Spring	—	10/07/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.124	0.0203	0.034	—	pCi/L	Y	—	NQ	N3B-2020-47	CAWR-20-186492	GELC
Sacred Spring	—	10/01/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.255	0.0285	0.058	—	pCi/L	Y	—	NQ	N3B-2021-13	CAWR-21-208744	GELC
Sacred Spring	—	10/12/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.164	0.0254	0.0731	—	pCi/L	Y	—	NQ	N3B-2022-64	CAWR-22-234631	GELC
Sacred Spring	—	10/11/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.281	0.0334	0.0551	—	pCi/L	Y	—	NQ	N3B-2023-116	CAWR-23-259041	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.37	—	—	1	µg/L	Y	J	J	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.29	—	—	1	µg/L	Y	J	J	N3B-2020-47	CAWR-20-186491	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Sacred Spring	—	10/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	5.27	—	—	1	µg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208743	GELC
Sacred Spring	—	10/12/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	2.99	—	—	1	µg/L	Y	J	J	N3B-2022-64	CAWR-22-234632	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	7.59	—	—	1	µg/L	Y	—	NQ	N3B-2023-116	CAWR-23-259042	GELC
Sacred Spring	—	10/11/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	5	—	—	3.3	µg/L	Y	J	J	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/07/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	4.95	—	—	3.3	µg/L	Y	J	U	N3B-2021-13	CAWR-21-208743	GELC
Sacred Spring	—	10/12/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	N	6.74	—	—	3.3	µg/L	Y	J	U	N3B-2022-64	CAWR-22-234632	GELC
Sacred Spring	—	10/11/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	7.37	—	—	3.3	µg/L	Y	J	J	N3B-2023-116	CAWR-23-259042	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	—	—	0.01	SU	Y	H	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8	—	—	0.01	SU	Y	H	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/06/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8	—	—	0.01	SU	Y	H	NQ	N3B-2021-32	CAWR-21-208748	GELC
Spring 1	—	10/07/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.02	—	—	0.01	SU	Y	H	J	N3B-2022-49	CAWR-22-234636	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.09	—	—	0.01	SU	Y	H	J	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	96.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	97.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/06/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	99.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-32	CAWR-21-208748	GELC
Spring 1	—	10/07/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	105	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	96.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0254	0.0169	0.101	—	pCi/L	Y	U	U	N3B-2019-16	CAWR-19-162043	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0127	0.00735	0.0425	—	pCi/L	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/06/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00751	0.00796	0.034	—	pCi/L	Y	U	U	N3B-2021-32	CAWR-21-208749	GELC
Spring 1	—	10/07/2021	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0109	0.00789	0.0665	—	pCi/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0142	0.0809	—	pCi/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	4.4	—	—	2	µg/L	Y	J	J	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	4.46	—	—	2	µg/L	Y	J	J	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/06/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	6.75	—	—	2	µg/L	Y	—	NQ	N3B-2021-32	CAWR-21-208748	GELC
Spring 1	—	10/07/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	5.17	—	—	2	µg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	5.11	—	—	2	µg/L	Y	—	NQ	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/06/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.2	—	—	1	µg/L	Y	—	NQ	N3B-2021-32	CAWR-21-208748	GELC
Spring 1	—	10/07/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	21.8	—	—	1	µg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	20.8	—	—	1	µg/L	Y	—	NQ	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	20.2	—	—	15	µg/L	Y	J	J	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	38	—	—	15	µg/L	Y	J	J	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/06/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	43.8	—	—	15	µg/L	Y	J	J	N3B-2021-32	CAWR-21-208748	GELC
Spring 1	—	10/07/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	38.8	—	—	15	µg/L	Y	J	J	N3B-2022-49	CAWR-22-234636	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	42.3	—	—	15	µg/L	Y	J	J	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/06/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-32	CAWR-21-208748	GELC
Spring 1	—	10/07/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	15	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	13.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.229	0.957	3.36	—	pCi/L	Y	U	U	N3B-2019-16	CAWR-19-162043	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.71	1.38	4.52	—	pCi/L	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/06/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.378	1.63	6.12	—	pCi/L	Y	U	U	N3B-2021-32	CAWR-21-208749	GELC
Spring 1	—	10/07/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0875	0.856	3.19	—	pCi/L	Y	U	UJ	N3B-2022-49	CAWR-22-234635	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.87	2.04	7.29	—	pCi/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.15	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.15	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/06/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.14	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-32	CAWR-21-208748	GELC
Spring 1	—	10/07/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.11	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.12	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.2	—	—	3	µg/L	Y	J	J	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.36	—	—	3	µg/L	Y	J	J	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/06/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.46	—	—	3	µg/L	Y	J	J	N3B-2021-32	CAWR-21-208748	GELC
Spring 1	—	10/07/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.23	—	—	3	µg/L	Y	J	J	N3B-2022-49	CAWR-22-234636	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.35	—	—	3	µg/L	Y	J	J	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.894	1.07	3.74	—	pCi/L	Y	U	U	N3B-2019-16	CAWR-19-162043	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.742	1.12	4.87	—	pCi/L	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/06/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.772	1.74	6.42	—	pCi/L	Y	U	U	N3B-2021-32	CAWR-21-208749	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 1	—	10/07/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.13	0.895	3.61	—	pCi/L	Y	U	UJ	N3B-2022-49	CAWR-22-234635	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.384	1.31	5.18	—	pCi/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.524	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.597	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/06/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.562	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-32	CAWR-21-208748	GELC
Spring 1	—	10/07/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.472	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.547	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.59	1.07	3	—	pCi/L	Y	U	U	N3B-2019-16	CAWR-19-162043	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.01	0.665	2.22	—	pCi/L	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/06/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.83	0.963	2.9	—	pCi/L	Y	U	U	N3B-2021-32	CAWR-21-208749	GELC
Spring 1	—	10/07/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.89	0.864	2.62	—	pCi/L	Y	U	UJ	N3B-2022-49	CAWR-22-234635	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	2.3	0.977	2.66	—	pCi/L	Y	U	UJ	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.68	0.761	2.06	—	pCi/L	Y	—	NQ	N3B-2019-16	CAWR-19-162043	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.11	0.893	2.82	—	pCi/L	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/06/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.69	0.988	2.99	—	pCi/L	Y	—	NQ	N3B-2021-32	CAWR-21-208749	GELC
Spring 1	—	10/07/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.502	0.709	2.8	—	pCi/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	5.39	1.02	2.53	—	pCi/L	Y	—	NQ	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/06/2020	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	40.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-32	CAWR-21-208748	GELC
Spring 1	—	10/07/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	37.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	0.886	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	0.951	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/06/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	1.05	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-32	CAWR-21-208748	GELC
Spring 1	—	10/07/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	0.977	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	0.898	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.58	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/06/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	2.65	—	—	0.2	µg/L	Y	—	J+	N3B-2021-32	CAWR-21-208748	GELC
Spring 1	—	10/07/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	2.59	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	2.71	—	—	0.2	µg/L	Y	—	J+	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.0456	1.81	6.61	—	pCi/L	Y	U	U	N3B-2019-16	CAWR-19-162043	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.42	2.18	8.65	—	pCi/L	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/06/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.75	3.01	11.2	—	pCi/L	Y	U	U	N3B-2021-32	CAWR-21-208749	GELC
Spring 1	—	10/07/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.52	2.04	6.13	—	pCi/L	Y	U	UJ	N3B-2022-49	CAWR-22-234635	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.305	2.37	8.68	—	pCi/L	Y	U	U	N3B-2023-88	CAWR-23-259048	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	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-16	CAWR-19-162042	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	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/06/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.398	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-32	CAWR-21-208748	GELC
Spring 1	—	10/07/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.423	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.439	—	—	0.085	mg/L	Y	—	J+	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.324	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.286	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/06/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.313	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-32	CAWR-21-208748	GELC
Spring 1	—	10/07/2021	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.305	—	—	0.05	µg/L	Y	H	J-	N3B-2022-49	CAWR-22-234636	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.268	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00714	0.0063	0.0413	—	pCi/L	Y	U	U	N3B-2019-16	CAWR-19-162043	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00623	0.00689	0.0377	—	pCi/L	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/06/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00468	0.00992	0.0508	—	pCi/L	Y	U	U	N3B-2021-32	CAWR-21-208749	GELC
Spring 1	—	10/07/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00728	0.00543	0.0534	—	pCi/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00853	0.0181	0.0856	—	pCi/L	Y	U	U	N3B-2023-88	CAWR-23-259048	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	0.0454	—	pCi/L	Y	U	U	N3B-2019-16	CAWR-19-162043	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	0.0366	—	pCi/L	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/06/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00935	0.011	0.0688	—	pCi/L	Y	U	U	N3B-2021-32	CAWR-21-208749	GELC
Spring 1	—	10/07/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00728	0.00875	0.0531	—	pCi/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.017	0.0135	0.0905	—	pCi/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.12	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.07	—	—	0.05	mg/L	Y	—	J+	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/06/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.04	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-32	CAWR-21-208748	GELC
Spring 1	—	10/07/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.15	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.13	—	—	0.05	mg/L	Y	—	J+	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-1.52	15	51.4	—	pCi/L	Y	U	U	N3B-2019-16	CAWR-19-162043	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	7.48	22.3	47.7	—	pCi/L	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/06/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-19.5	21.3	79.6	—	pCi/L	Y	U	U	N3B-2021-32	CAWR-21-208749	GELC
Spring 1	—	10/07/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-28.6	17.2	51.1	—	pCi/L	Y	U	UJ	N3B-2022-49	CAWR-22-234635	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-20.2	22.1	77.6	—	pCi/L	Y	U	UJ	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.403	0.115	0.22	—	pCi/L	Y	—	NQ	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/06/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.882	0.218	0.465	—	pCi/L	Y	—	NQ	N3B-2021-32	CAWR-21-208749	GELC
Spring 1	—	10/07/2021	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.46	0.137	0.282	—	pCi/L	Y	—	NQ	N3B-2022-49	CAWR-22-234635	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.616	0.22	0.59	—	pCi/L	Y	—	J+	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	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	—	10/06/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.882	0.245	—	—	pCi/L	Y	—	NQ	N3B-2021-32	CAWR-21-208749	GELC
Spring 1	—	10/07/2021	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.46	0.176	—	—	pCi/L	Y	—	NQ	N3B-2022-49	CAWR-22-234635	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.616	0.319	—	—	pCi/L	Y	J	J	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.262	0.212	0.716	—	pCi/L	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/06/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.288	0.111	0.521	—	pCi/L	Y	U	U	N3B-2021-32	CAWR-21-208749	GELC
Spring 1	—	10/07/2021	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0669	0.109	0.434	—	pCi/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.16	0.231	0.882	—	pCi/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	30.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	31.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/06/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	29	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-32	CAWR-21-208748	GELC
Spring 1	—	10/07/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	32.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	30.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	29.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	29.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/06/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	29.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-32	CAWR-21-208748	GELC
Spring 1	—	10/07/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	30.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	27.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.01	1	4.05	—	pCi/L	Y	U	U	N3B-2019-16	CAWR-19-162043	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.179	0.859	3.58	—	pCi/L	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/06/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.128	1.3	5.33	—	pCi/L	Y	U	U	N3B-2021-32	CAWR-21-208749	GELC
Spring 1	—	10/07/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.738	0.775	2.7	—	pCi/L	Y	U	UJ	N3B-2022-49	CAWR-22-234635	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.29	1.43	6.15	—	pCi/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	216	—	—	1	µS/cm	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	193	—	—	1	µS/cm	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/06/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	205	—	—	1	µS/cm	Y	—	NQ	N3B-2021-32	CAWR-21-208748	GELC
Spring 1	—	10/07/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	251	—	—	1	µS/cm	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	205	—	—	1	µS/cm	Y	—	NQ	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	194	—	—	1	µg/L	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	189	—	—	1	µg/L	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/06/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	207	—	—	1	µg/L	Y	—	NQ	N3B-2021-32	CAWR-21-208748	GELC
Spring 1	—	10/07/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	191	—	—	1	µg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	191	—	—	1	µg/L	Y	—	NQ	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0584	0.121	0.47	—	pCi/L	Y	U	U	N3B-2019-16	CAWR-19-162043	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0335	0.0927	0.312	—	pCi/L	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/06/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.193	0.145	0.484	—	pCi/L	Y	U	U	N3B-2021-32	CAWR-21-208749	GELC
Spring 1	—	10/07/2021	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.251	0.206	0.729	—	pCi/L	Y	U	UJ	N3B-2022-49	CAWR-22-234635	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0124	0.117	0.397	—	pCi/L	Y	U	U	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.11	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.95	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/06/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.65	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-32	CAWR-21-208748	GELC
Spring 1	—	10/07/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.86	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.62	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	164	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/06/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	127	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-32	CAWR-21-208748	GELC
Spring 1	—	10/07/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	2.38	mg/L	Y	—	J	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/02/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-16	CAWR-19-162043	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/06/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.193	—	—	0.033	mg/L	Y	—	U	N3B-2021-32	CAWR-21-208749	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 1	—	10/07/2021	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.134	—	—	0.033	mg/L	Y	—	U	N3B-2022-49	CAWR-22-234635	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.52	—	—	0.033	mg/L	Y	—	J+	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/02/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.481	—	—	0.33	mg/L	Y	J	J	N3B-2019-16	CAWR-19-162043	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/06/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.443	—	—	0.33	mg/L	Y	J	J	N3B-2021-32	CAWR-21-208749	GELC
Spring 1	—	10/07/2021	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.464	—	—	0.33	mg/L	Y	J	J	N3B-2022-49	CAWR-22-234635	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.395	—	—	0.33	mg/L	Y	J	J	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/02/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.517	0.921	2.69	—	pCi/L	Y	U	U	N3B-2019-89	CAWR-19-162043	ARSL
Spring 1	—	10/08/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.088	0.885	3.002	—	pCi/L	Y	U	U	N3B-2020-89	CAWR-20-186514	ARSL
Spring 1	—	10/06/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.853	0.748	2.443	—	pCi/L	Y	U	U	N3B-2021-45	CAWR-21-208749	ARSL
Spring 1	—	10/07/2021	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.922	0.862	2.921	—	pCi/L	Y	U	UJ	N3B-2022-120	CAWR-22-234635	ARSL
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.709	0.858	2.841	—	pCi/L	Y	U	UJ	N3B-2023-136	CAWR-23-259048	ARSL
Spring 1	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.94	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	2.11	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/06/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	2.01	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-32	CAWR-21-208748	GELC
Spring 1	—	10/07/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	2.01	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	2.12	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-88	CAWR-23-259049	GELC
Spring 1	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.4	0.0891	0.165	—	pCi/L	Y	—	NQ	N3B-2019-16	CAWR-19-162043	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.28	0.0769	0.0888	—	pCi/L	Y	—	NQ	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/06/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.62	0.0657	0.0596	—	pCi/L	Y	—	NQ	N3B-2021-32	CAWR-21-208749	GELC
Spring 1	—	10/07/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	-0.0436	0.0149	0.0737	—	pCi/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.46	0.105	0.0633	—	pCi/L	Y	—	NQ	N3B-2023-88	CAWR-23-259048	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	0.161	—	pCi/L	Y	U	U	N3B-2019-16	CAWR-19-162043	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	0.0638	—	pCi/L	Y	U	U	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/06/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0817	0.0183	0.0387	—	pCi/L	Y	—	NQ	N3B-2021-32	CAWR-21-208749	GELC
Spring 1	—	10/07/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.0072	0.0576	—	pCi/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0352	0.0169	0.062	—	pCi/L	Y	U	UJ	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.721	0.0646	0.163	—	pCi/L	Y	—	NQ	N3B-2019-16	CAWR-19-162043	GELC
Spring 1	—	10/08/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.736	0.0588	0.104	—	pCi/L	Y	—	NQ	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/06/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.852	0.0474	0.0532	—	pCi/L	Y	—	NQ	N3B-2021-32	CAWR-21-208749	GELC
Spring 1	—	10/07/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	-0.032	0.0113	0.0715	—	pCi/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC
Spring 1	—	10/06/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.784	0.0665	0.0666	—	pCi/L	Y	—	NQ	N3B-2023-88	CAWR-23-259048	GELC
Spring 1	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	15.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/08/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	16.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/06/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	17.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-32	CAWR-21-208748	GELC
Spring 1	—	10/07/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	16.3	—	—	1	µg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC
Spring 1	—	10/06/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	16.8	—	—	1	µg/L	Y	—	NQ	N3B-2023-88	CAWR-23-259049	GELC
Spring 2	—	10/09/2015	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	2016-38	CAWR-16-104425	GELC
Spring 2	—	10/11/2016	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	1.5	µg/L	Y	U	U	2017-92	CAWR-16-126325	GELC
Spring 2	—	10/11/2016	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	1.5	µg/L	Y	U	U	2017-92	CAWR-16-126285	GELC
Spring 2	—	10/10/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-366	CAWR-18-147405	GELC
Spring 2	—	04/20/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	—	—	1.74	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	2.52	—	—	1.74	µg/L	Y	J	J	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	10/09/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.09	—	—	0.01	SU	Y	H	NQ	2016-38	CAWR-16-104443	GELC
Spring 2	—	10/11/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.04	—	—	0.01	SU	Y	H	NQ	2017-92	CAWR-16-126351	GELC
Spring 2	—	10/11/2016	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.01	—	—	0.01	SU	Y	H	NQ	2017-92	CAWR-16-126288	GELC
Spring 2	—	10/10/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.06	—	—	0.01	SU	Y	H	NQ	2018-366	CAWR-18-147760	GELC
Spring 2	—	04/20/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.28	—	—	0.01	SU	Y	H	J	N3B-2022-1353	CAWR-22-248719	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.29	—	—	0.01	SU	Y	H	J	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	10/09/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	108	—	—	0.725	mg/L	Y	—	NQ	2016-38	CAWR-16-104443	GELC
Spring 2	—	10/11/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	106	—	—	1.45	mg/L	Y	—	NQ	2017-92	CAWR-16-126351	GELC
Spring 2	—	10/11/2016	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	105	—	—	1.45	mg/L	Y	—	NQ	2017-92	CAWR-16-126288	GELC
Spring 2	—	10/10/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	109	—	—	1.45	mg/L	Y	—	NQ	2018-366	CAWR-18-147760	GELC
Spring 2	—	04/20/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	129	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	132	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	10/09/2015	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0135	0.00976	0.0437	—	pCi/L	Y	U	U	2016-38	CAWR-16-104425	GELC
Spring 2	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00832	0.0509	—	pCi/L	Y	U	U	2017-92	CAWR-16-126325	GELC
Spring 2	—	10/11/2016	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00783	0.013	0.0638	—	pCi/L	Y	U	U	2017-92	CAWR-16-126285	GELC
Spring 2	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00998	0.00744	0.0583	—	pCi/L	Y	U	U	2018-366	CAWR-18-147758	GELC
Spring 2	—	04/20/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0255	0.0142	0.0476	—	pCi/L	Y	U	UJ	N3B-2022-1353	CAWR-22-248720	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00214	0.00371	0.0357	—	pCi/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 2	—	10/09/2015	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	6.48	—	—	1.7	µg/L	Y	—	NQ	2016-38	CAWR-16-104443	GELC
Spring 2	—	10/11/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	7.08	—	—	1.7	µg/L	Y	—	NQ	2017-92	CAWR-16-126351	GELC
Spring 2	—	10/11/2016	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	5.99	—	—	1.7	µg/L	Y	—	NQ	2017-92	CAWR-16-126288	GELC
Spring 2	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	7.7	—	—	2	µg/L	Y	—	NQ	2018-366	CAWR-18-147760	GELC
Spring 2	—	04/20/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	10	—	—	2	µg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	9.55	—	—	2	µg/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	10/09/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.3	—	—	1	µg/L	Y	—	NQ	2016-38	CAWR-16-104443	GELC
Spring 2	—	10/11/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	13.6	—	—	1	µg/L	Y	—	NQ	2017-92	CAWR-16-126351	GELC
Spring 2	—	10/11/2016	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	14.3	—	—	1	µg/L	Y	—	NQ	2017-92	CAWR-16-126288	GELC
Spring 2	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	14.9	—	—	1	µg/L	Y	—	NQ	2018-366	CAWR-18-147760	GELC
Spring 2	—	04/20/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	25.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	26.2	—	—	1	µg/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	10/09/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	43.8	—	—	15	µg/L	Y	J	J	2016-38	CAWR-16-104443	GELC
Spring 2	—	10/11/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	43.3	—	—	15	µg/L	Y	J	J	2017-92	CAWR-16-126351	GELC
Spring 2	—	10/11/2016	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	44.6	—	—	15	µg/L	Y	J	J	2017-92	CAWR-16-126288	GELC
Spring 2	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	45.7	—	—	15	µg/L	Y	J	J	2018-366	CAWR-18-147760	GELC
Spring 2	—	04/20/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	48.5	—	—	15	µg/L	Y	J	J	N3B-2022-1353	CAWR-22-248719	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	48.1	—	—	15	µg/L	Y	J	J	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	10/09/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.4	—	—	0.05	mg/L	Y	—	NQ	2016-38	CAWR-16-104443	GELC
Spring 2	—	10/11/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.6	—	—	0.05	mg/L	Y	—	NQ	2017-92	CAWR-16-126351	GELC
Spring 2	—	10/11/2016	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.1	—	—	0.05	mg/L	Y	—	NQ	2017-92	CAWR-16-126288	GELC
Spring 2	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.3	—	—	0.05	mg/L	Y	—	NQ	2018-366	CAWR-18-147760	GELC
Spring 2	—	04/20/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	15.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	16	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	10/09/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.14	1.83	7.25	—	pCi/L	Y	U	U	2016-38	CAWR-16-104425	GELC
Spring 2	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.42	0.972	4.06	—	pCi/L	Y	U	U	2017-92	CAWR-16-126325	GELC
Spring 2	—	10/11/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.375	1.27	4.63	—	pCi/L	Y	U	U	2017-92	CAWR-16-126285	GELC
Spring 2	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0868	1.81	6.55	—	pCi/L	Y	U	U	2018-366	CAWR-18-147758	GELC
Spring 2	—	04/20/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.433	0.986	3.31	—	pCi/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.969	2.25	6.21	—	pCi/L	Y	U	UJ	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	10/09/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.08	—	—	0.067	mg/L	Y	—	NQ	2016-38	CAWR-16-104443	GELC
Spring 2	—	10/11/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.59	—	—	0.067	mg/L	Y	—	NQ	2017-92	CAWR-16-126351	GELC
Spring 2	—	10/11/2016	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.6	—	—	0.067	mg/L	Y	—	NQ	2017-92	CAWR-16-126288	GELC
Spring 2	—	10/10/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.97	—	—	0.067	mg/L	Y	—	NQ	2018-366	CAWR-18-147760	GELC
Spring 2	—	04/20/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.84	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.24	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	10/09/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.793	1.38	5.29	—	pCi/L	Y	U	U	2016-38	CAWR-16-104425	GELC
Spring 2	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.631	1.31	4.95	—	pCi/L	Y	U	U	2017-92	CAWR-16-126325	GELC
Spring 2	—	10/11/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.541	1.18	5.05	—	pCi/L	Y	U	U	2017-92	CAWR-16-126285	GELC
Spring 2	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-3.35	1.65	5.14	—	pCi/L	Y	U	U	2018-366	CAWR-18-147758	GELC
Spring 2	—	04/20/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	3.38	1.53	5.61	—	pCi/L	Y	U	UJ	N3B-2022-1353	CAWR-22-248720	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.03	1.88	5.67	—	pCi/L	Y	U	UJ	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	10/09/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.484	—	—	0.033	mg/L	Y	—	NQ	2016-38	CAWR-16-104443	GELC
Spring 2	—	10/11/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.431	—	—	0.033	mg/L	Y	—	NQ	2017-92	CAWR-16-126351	GELC
Spring 2	—	10/11/2016	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.422	—	—	0.033	mg/L	Y	—	NQ	2017-92	CAWR-16-126288	GELC
Spring 2	—	10/10/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.528	—	—	0.033	mg/L	Y	—	NQ	2018-366	CAWR-18-147760	GELC
Spring 2	—	04/20/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.715	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.596	—	—	0.033	mg/L	Y	—	J	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	10/09/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.73	1.1	3	—	pCi/L	Y	U	U	2016-38	CAWR-16-104425	GELC
Spring 2	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	7.49	1.51	2.94	—	pCi/L	Y	—	NQ	2017-92	CAWR-16-126325	GELC
Spring 2	—	10/11/2016	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	2.04	0.929	2.88	—	pCi/L	Y	U	U	2017-92	CAWR-16-126285	GELC
Spring 2	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	4.27	1.14	2.92	—	pCi/L	Y	—	NQ	2018-366	CAWR-18-147758	GELC
Spring 2	—	04/20/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	Y	6.21	1.66	2.87	—	pCi/L	Y	—	J	N3B-2022-1353	CAWR-22-248720	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	Y	4.12	1.09	2.82	—	pCi/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	10/09/2015	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.709	0.508	1.67	—	pCi/L	Y	U	U	2016-38	CAWR-16-104425	GELC
Spring 2	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.77	0.987	2.22	—	pCi/L	Y	—	NQ	2017-92	CAWR-16-126325	GELC
Spring 2	—	10/11/2016	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	3.06	0.941	2.6	—	pCi/L	Y	—	NQ	2017-92	CAWR-16-126285	GELC
Spring 2	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.16	0.725	2.09	—	pCi/L	Y	—	NQ	2018-366	CAWR-18-147758	GELC
Spring 2	—	04/20/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	5.32	0.939	2.2	—	pCi/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248720	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	5.74	0.579	1.7	—	pCi/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	10/09/2015	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.7	—	—	0.453	mg/L	Y	—	NQ	2016-38	CAWR-16-104443	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 2	—	10/11/2016	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	31.3	—	—	0.453	mg/L	Y	—	NQ	2017-92	CAWR-16-126351	GELC
Spring 2	—	10/11/2016	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	32.3	—	—	0.453	mg/L	Y	—	NQ	2017-92	CAWR-16-126288	GELC
Spring 2	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	33.3	—	—	0.453	mg/L	Y	—	NQ	2018-366	CAWR-18-147760	GELC
Spring 2	—	04/20/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	10/09/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2016-38	CAWR-16-104443	GELC
Spring 2	—	10/11/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2017-92	CAWR-16-126351	GELC
Spring 2	—	10/11/2016	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	Y	44.4	—	—	30	µg/L	Y	J	J	2017-92	CAWR-16-126288	GELC
Spring 2	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	Y	71.4	—	—	30	µg/L	Y	J	J	2018-366	CAWR-18-147760	GELC
Spring 2	—	04/20/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	Y	54.1	—	—	30	µg/L	Y	J	J	N3B-2022-1353	CAWR-22-248719	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Iron	Fe	Y	35.6	—	—	30	µg/L	Y	J	J	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	10/09/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	0.646	—	—	0.11	mg/L	Y	—	NQ	2016-38	CAWR-16-104443	GELC
Spring 2	—	10/11/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	0.562	—	—	0.11	mg/L	Y	—	NQ	2017-92	CAWR-16-126351	GELC
Spring 2	—	10/11/2016	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	0.545	—	—	0.11	mg/L	Y	—	NQ	2017-92	CAWR-16-126288	GELC
Spring 2	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	0.655	—	—	0.11	mg/L	Y	—	NQ	2018-366	CAWR-18-147760	GELC
Spring 2	—	04/20/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	0.79	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	0.807	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	10/09/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	Y	5.07	—	—	2	µg/L	Y	J	J	2016-38	CAWR-16-104443	GELC
Spring 2	—	10/11/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2017-92	CAWR-16-126351	GELC
Spring 2	—	10/11/2016	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2017-92	CAWR-16-126288	GELC
Spring 2	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	2018-366	CAWR-18-147760	GELC
Spring 2	—	04/20/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	Y	8.14	—	—	2	µg/L	Y	J	J	N3B-2022-1353	CAWR-22-248719	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	Y	5.84	—	—	2	µg/L	Y	J	J	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	10/09/2015	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.69	—	—	0.165	µg/L	Y	—	NQ	2016-38	CAWR-16-104443	GELC
Spring 2	—	10/11/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.8	—	—	0.3	µg/L	Y	—	NQ	2017-92	CAWR-16-126351	GELC
Spring 2	—	10/11/2016	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	2.92	—	—	0.3	µg/L	Y	—	NQ	2017-92	CAWR-16-126288	GELC
Spring 2	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.08	—	—	0.2	µg/L	Y	—	NQ	2018-366	CAWR-18-147760	GELC
Spring 2	—	04/20/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	3.64	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	3.75	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	10/09/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.42	3.16	11.2	—	pCi/L	Y	U	U	2016-38	CAWR-16-104425	GELC
Spring 2	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.133	2.07	7.31	—	pCi/L	Y	U	U	2017-92	CAWR-16-126325	GELC
Spring 2	—	10/11/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.96	2.07	8.5	—	pCi/L	Y	U	U	2017-92	CAWR-16-126285	GELC
Spring 2	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.06	3.23	10.7	—	pCi/L	Y	U	U	2018-366	CAWR-18-147758	GELC
Spring 2	—	04/20/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.6	2.05	7.81	—	pCi/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.282	2.3	8.02	—	pCi/L	Y	U	UJ	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	10/09/2015	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.15	—	—	0.05	µg/L	Y	J	J	2016-38	CAWR-16-104443	GELC
Spring 2	—	10/11/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.207	—	—	0.05	µg/L	Y	—	NQ	2017-92	CAWR-16-126351	GELC
Spring 2	—	10/11/2016	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.216	—	—	0.05	µg/L	Y	—	NQ	2017-92	CAWR-16-126288	GELC
Spring 2	—	10/10/2017	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.226	—	—	0.05	µg/L	Y	—	NQ	2018-366	CAWR-18-147760	GELC
Spring 2	—	04/20/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.09	—	—	0.05	µg/L	Y	J	J	N3B-2022-1353	CAWR-22-248719	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.077	—	—	0.05	µg/L	Y	J	J	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	10/09/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00559	0.00791	0.0435	—	pCi/L	Y	U	U	2016-38	CAWR-16-104425	GELC
Spring 2	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00217	0.0113	0.0432	—	pCi/L	Y	U	U	2017-92	CAWR-16-126325	GELC
Spring 2	—	10/11/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00441	0.0103	0.0438	—	pCi/L	Y	U	U	2017-92	CAWR-16-126285	GELC
Spring 2	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00413	0.0124	0.0715	—	pCi/L	Y	U	U	2018-366	CAWR-18-147758	GELC
Spring 2	—	04/20/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00935	0.0132	0.084	—	pCi/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0108	0.00778	0.0476	—	pCi/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	10/09/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00559	0.0079	0.0566	—	pCi/L	Y	U	U	2016-38	CAWR-16-104425	GELC
Spring 2	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00615	0.05	—	pCi/L	Y	U	U	2017-92	CAWR-16-126325	GELC
Spring 2	—	10/11/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.011	0.00731	0.0507	—	pCi/L	Y	U	U	2017-92	CAWR-16-126285	GELC
Spring 2	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00413	0.023	0.0927	—	pCi/L	Y	U	U	2018-366	CAWR-18-147758	GELC
Spring 2	—	04/20/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.014	0.0169	0.126	—	pCi/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00431	0.00963	0.0413	—	pCi/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	10/09/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.92	—	—	0.05	mg/L	Y	—	NQ	2016-38	CAWR-16-104443	GELC
Spring 2	—	10/11/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.04	—	—	0.05	mg/L	Y	—	NQ	2017-92	CAWR-16-126351	GELC
Spring 2	—	10/11/2016	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.96	—	—	0.05	mg/L	Y	—	NQ	2017-92	CAWR-16-126288	GELC
Spring 2	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.99	—	—	0.05	mg/L	Y	—	NQ	2018-366	CAWR-18-147760	GELC
Spring 2	—	04/20/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	1.86	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	1.5	—	—	0.05	mg/L	Y	—	J+	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	10/09/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-48.6	23.7	81.2	—	pCi/L	Y	U	U	2016-38	CAWR-16-104425	GELC
Spring 2	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-1.2	15.1	60.4	—	pCi/L	Y	U	U	2017-92	CAWR-16-126325	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 2	—	10/11/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-19.6	17.3	60	—	pCi/L	Y	U	U	2017-92	CAWR-16-126285	GELC
Spring 2	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	90.6	24.2	36.8	—	pCi/L	Y	UI	U	2018-366	CAWR-18-147758	GELC
Spring 2	—	04/20/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	17.7	17.3	31.8	—	pCi/L	Y	U	UJ	N3B-2022-1353	CAWR-22-248720	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-11.8	23.5	64.8	—	pCi/L	Y	U	UJ	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/20/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.415	0.126	0.299	—	pCi/L	Y	—	U	N3B-2022-1353	CAWR-22-248720	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.826	0.262	0.553	—	pCi/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/20/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	1.01	0.266	—	—	pCi/L	Y	J	U	N3B-2022-1353	CAWR-22-248720	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.839	0.308	—	—	pCi/L	Y	J	J	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	04/20/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.596	0.235	0.697	—	pCi/L	Y	U	UJ	N3B-2022-1353	CAWR-22-248720	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0129	0.162	0.618	—	pCi/L	Y	U	U	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	10/09/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	32.5	—	—	0.053	mg/L	Y	—	NQ	2016-38	CAWR-16-104443	GELC
Spring 2	—	10/11/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	31	—	—	0.053	mg/L	Y	—	NQ	2017-92	CAWR-16-126351	GELC
Spring 2	—	10/11/2016	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	32	—	—	0.053	mg/L	Y	—	NQ	2017-92	CAWR-16-126288	GELC
Spring 2	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	31.1	—	—	0.053	mg/L	Y	—	NQ	2018-366	CAWR-18-147760	GELC
Spring 2	—	04/20/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	26.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	31.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	10/09/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	40.1	—	—	0.1	mg/L	Y	—	NQ	2016-38	CAWR-16-104443	GELC
Spring 2	—	10/11/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	38.2	—	—	0.1	mg/L	Y	E	NQ	2017-92	CAWR-16-126351	GELC
Spring 2	—	10/11/2016	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	37.8	—	—	0.1	mg/L	Y	E	NQ	2017-92	CAWR-16-126288	GELC
Spring 2	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	39.6	—	—	0.1	mg/L	Y	—	NQ	2018-366	CAWR-18-147760	GELC
Spring 2	—	04/20/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	43.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	44.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	10/09/2015	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.637	2.01	7.58	—	pCi/L	Y	U	U	2016-38	CAWR-16-104425	GELC
Spring 2	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.15	1.1	4.55	—	pCi/L	Y	U	U	2017-92	CAWR-16-126325	GELC
Spring 2	—	10/11/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	2.53	1.4	6.43	—	pCi/L	Y	U	U	2017-92	CAWR-16-126285	GELC
Spring 2	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.33	1.65	6.09	—	pCi/L	Y	U	U	2018-366	CAWR-18-147758	GELC
Spring 2	—	04/20/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.814	1.16	4.19	—	pCi/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.03	1.36	4.68	—	pCi/L	Y	U	UJ	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	10/09/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	221	—	—	3.63	µS/cm	Y	—	NQ	2016-38	CAWR-16-104443	GELC
Spring 2	—	10/11/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	217	—	—	1	µS/cm	Y	—	NQ	2017-92	CAWR-16-126351	GELC
Spring 2	—	10/11/2016	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	214	—	—	1	µS/cm	Y	—	NQ	2017-92	CAWR-16-126288	GELC
Spring 2	—	10/10/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	533	—	—	1	µS/cm	Y	—	NQ	2018-366	CAWR-18-147760	GELC
Spring 2	—	04/20/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	278	—	—	1	µS/cm	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	283	—	—	1	µS/cm	Y	—	NQ	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	10/09/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	183	—	—	1	µg/L	Y	—	NQ	2016-38	CAWR-16-104443	GELC
Spring 2	—	10/11/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	181	—	—	1	µg/L	Y	—	NQ	2017-92	CAWR-16-126351	GELC
Spring 2	—	10/11/2016	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	179	—	—	1	µg/L	Y	—	NQ	2017-92	CAWR-16-126288	GELC
Spring 2	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	176	—	—	1	µg/L	Y	—	NQ	2018-366	CAWR-18-147760	GELC
Spring 2	—	04/20/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	175	—	—	1	µg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	176	—	—	1	µg/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	10/09/2015	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.319	0.107	0.485	—	pCi/L	Y	U	U	2016-38	CAWR-16-104425	GELC
Spring 2	—	10/11/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.19	0.144	0.484	—	pCi/L	Y	U	U	2017-92	CAWR-16-126325	GELC
Spring 2	—	10/11/2016	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.44	0.156	0.468	—	pCi/L	Y	U	U	2017-92	CAWR-16-126285	GELC
Spring 2	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0987	0.127	0.483	—	pCi/L	Y	U	U	2018-366	CAWR-18-147758	GELC
Spring 2	—	04/20/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.199	0.146	0.487	—	pCi/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.157	0.108	0.469	—	pCi/L	Y	U	UJ	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	10/09/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.32	—	—	0.133	mg/L	Y	—	NQ	2016-38	CAWR-16-104443	GELC
Spring 2	—	10/11/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.51	—	—	0.133	mg/L	Y	—	NQ	2017-92	CAWR-16-126351	GELC
Spring 2	—	10/11/2016	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.48	—	—	0.133	mg/L	Y	—	NQ	2017-92	CAWR-16-126288	GELC
Spring 2	—	10/10/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.44	—	—	0.133	mg/L	Y	—	NQ	2018-366	CAWR-18-147760	GELC
Spring 2	—	04/20/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	15.6	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.72	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	10/09/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	161	—	—	3.4	mg/L	Y	—	NQ	2016-38	CAWR-16-104443	GELC
Spring 2	—	10/11/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	3.4	mg/L	Y	—	NQ	2017-92	CAWR-16-126351	GELC
Spring 2	—	10/11/2016	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	154	—	—	3.4	mg/L	Y	—	NQ	2017-92	CAWR-16-126288	GELC
Spring 2	—	10/10/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	82.9	—	—	3.4	mg/L	Y	—	NQ	2018-366	CAWR-18-147760	GELC
Spring 2	—	04/20/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	204	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	2.38	mg/L	Y	—	J	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	10/09/2015	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.611	—	—	0.33	mg/L	Y	J	J	2016-38	CAWR-16-104425	GELC
Spring 2	—	10/11/2016	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.15	—	—	0.66	mg/L	Y	—	NQ	2017-92	CAWR-16-126325	GELC
Spring 2	—	10/11/2016	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.61	—	—	0.33	mg/L	Y	—	NQ	2017-92	CAWR-16-126285	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 2	—	10/10/2017	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.977	—	—	0.33	mg/L	Y	J	J	2018-366	CAWR-18-147758	GELC
Spring 2	—	04/20/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	2.79	—	—	0.33	mg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248720	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	1.06	—	—	0.33	mg/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	10/09/2015	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.66	—	—	0.067	µg/L	Y	—	NQ	2016-38	CAWR-16-104443	GELC
Spring 2	—	10/11/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.126	—	—	0.067	µg/L	Y	J	J	2017-92	CAWR-16-126351	GELC
Spring 2	—	10/11/2016	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	2.1	—	—	0.067	µg/L	Y	—	NQ	2017-92	CAWR-16-126288	GELC
Spring 2	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	2.4	—	—	0.067	µg/L	Y	—	NQ	2018-366	CAWR-18-147760	GELC
Spring 2	—	04/20/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	4.53	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	5.23	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280132	GELC
Spring 2	—	10/09/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.14	0.0477	0.0853	—	pCi/L	Y	—	NQ	2016-38	CAWR-16-104425	GELC
Spring 2	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.5	0.0766	0.22	—	pCi/L	Y	—	NQ	2017-92	CAWR-16-126325	GELC
Spring 2	—	10/11/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.6	0.0896	0.286	—	pCi/L	Y	—	J-	2017-92	CAWR-16-126285	GELC
Spring 2	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.83	0.0891	0.0894	—	pCi/L	Y	—	NQ	2018-366	CAWR-18-147758	GELC
Spring 2	—	04/20/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	2.02	0.115	0.0387	—	pCi/L	Y	—	J	N3B-2022-1353	CAWR-22-248720	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	2.86	0.161	0.0565	—	pCi/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	10/09/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0486	0.0119	0.0684	—	pCi/L	Y	U	U	2016-38	CAWR-16-104425	GELC
Spring 2	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0421	0.0155	0.114	—	pCi/L	Y	U	U	2017-92	CAWR-16-126325	GELC
Spring 2	—	10/11/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0609	0.0228	0.148	—	pCi/L	Y	U	U	2017-92	CAWR-16-126285	GELC
Spring 2	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.172	0.0342	0.0951	—	pCi/L	Y	—	NQ	2018-366	CAWR-18-147758	GELC
Spring 2	—	04/20/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.109	0.0178	0.0281	—	pCi/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248720	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.104	0.0186	0.0483	—	pCi/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	10/09/2015	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.561	0.0337	0.0623	—	pCi/L	Y	—	NQ	2016-38	CAWR-16-104425	GELC
Spring 2	—	10/11/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.854	0.0573	0.147	—	pCi/L	Y	—	NQ	2017-92	CAWR-16-126325	GELC
Spring 2	—	10/11/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.724	0.0609	0.192	—	pCi/L	Y	—	J-	2017-92	CAWR-16-126285	GELC
Spring 2	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	1.12	0.0704	0.0865	—	pCi/L	Y	—	NQ	2018-366	CAWR-18-147758	GELC
Spring 2	—	04/20/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	1.16	0.0727	0.0358	—	pCi/L	Y	—	J	N3B-2022-1353	CAWR-22-248720	GELC
Spring 2	—	04/18/2023	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	1.74	0.106	0.0387	—	pCi/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280131	GELC
Spring 2	—	10/09/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	16.9	—	—	1	µg/L	Y	—	NQ	2016-38	CAWR-16-104443	GELC
Spring 2	—	10/11/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	21.6	—	—	1	µg/L	Y	—	NQ	2017-92	CAWR-16-126351	GELC
Spring 2	—	10/11/2016	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	23	—	—	1	µg/L	Y	—	NQ	2017-92	CAWR-16-126288	GELC
Spring 2	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	25.6	—	—	1	µg/L	Y	—	NQ	2018-366	CAWR-18-147760	GELC
Spring 2	—	04/20/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	40.2	—	—	1	µg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC
Spring 2	—	04/18/2023	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	34.6	—	—	1	µg/L	Y	—	NQ	N3B-2023-2082	CAWR-23-280132	GELC
Spring 3	—	10/02/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	2.15	—	—	1.5	µg/L	Y	J	U	N3B-2019-39	CAWR-19-162049	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	2.16	—	—	1.5	µg/L	Y	J	U	N3B-2020-23	CAWR-20-188068	GELC
Spring 3	—	10/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2021-16	CAWR-21-208753	GELC
Spring 3	—	10/04/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	4.21	—	—	1.74	µg/L	Y	J	J	N3B-2022-43	CAWR-22-234637	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	1.91	—	—	1.74	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259063	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	—	—	0.01	SU	Y	H	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.8	—	—	0.01	SU	Y	H	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.73	—	—	0.01	SU	Y	H	NQ	N3B-2021-16	CAWR-21-208752	GELC
Spring 3	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.74	—	—	0.01	SU	Y	H	J	N3B-2022-43	CAWR-22-234638	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	0.01	SU	Y	H	J	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-16	CAWR-21-208752	GELC
Spring 3	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	85.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234638	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00567	0.00896	0.0676	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162049	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0111	0.0321	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/02/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0221	0.00887	0.0446	—	pCi/L	Y	U	U	N3B-2021-16	CAWR-21-208753	GELC
Spring 3	—	10/04/2021	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0268	0.0183	0.116	—	pCi/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0046	0.00801	0.0599	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0361	—	—	0.017	mg/L	Y	J	J	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2021-16	CAWR-21-208752	GELC
Spring 3	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2022-43	CAWR-22-234638	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0475	—	—	0.017	mg/L	Y	J	J	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	5.67	—	—	2	µg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	4.29	—	—	2	µg/L	Y	J	J	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	4.29	—	—	2	µg/L	Y	J	J	N3B-2021-16	CAWR-21-208752	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	4	—	—	2	µg/L	Y	J	J	N3B-2022-43	CAWR-22-234638	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	4.14	—	—	2	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	46	—	—	1	µg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	43.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	48.3	—	—	1	µg/L	Y	—	NQ	N3B-2021-16	CAWR-21-208752	GELC
Spring 3	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	46	—	—	1	µg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234638	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	42.4	—	—	1	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	21.4	—	—	15	µg/L	Y	J	J	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	26	—	—	15	µg/L	Y	J	J	N3B-2021-16	CAWR-21-208752	GELC
Spring 3	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	22.8	—	—	15	µg/L	Y	J	J	N3B-2022-43	CAWR-22-234638	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	22.8	—	—	15	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-16	CAWR-21-208752	GELC
Spring 3	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	23.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234638	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	20.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.475	0.949	3.47	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162049	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.93	1.33	4.53	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/02/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.215	1.3	4.86	—	pCi/L	Y	U	U	N3B-2021-16	CAWR-21-208753	GELC
Spring 3	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.954	1.01	3.96	—	pCi/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0593	0.993	3.86	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.95	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.94	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.98	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-16	CAWR-21-208752	GELC
Spring 3	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.94	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234638	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.01	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.25	—	—	3	µg/L	Y	J	J	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.58	—	—	3	µg/L	Y	J	J	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.35	—	—	3	µg/L	Y	J	J	N3B-2021-16	CAWR-21-208752	GELC
Spring 3	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.89	—	—	3	µg/L	Y	J	J	N3B-2022-43	CAWR-22-234638	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.89	—	—	3	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2021-16	CAWR-21-208752	GELC
Spring 3	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234638	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	Y	1.36	—	—	1	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.733	0.798	3.34	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162049	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.39	1.68	6.92	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/02/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.14	1.13	5.41	—	pCi/L	Y	U	U	N3B-2021-16	CAWR-21-208753	GELC
Spring 3	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.23	0.996	4.36	—	pCi/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.699	0.995	4.21	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.418	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.544	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.421	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-16	CAWR-21-208752	GELC
Spring 3	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.287	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234638	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.468	—	—	0.033	mg/L	Y	—	J	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	9.29	1.59	2.89	—	pCi/L	Y	—	NQ	N3B-2019-75	CAWR-19-162049	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.15	0.853	2.9	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/02/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.75	0.939	2.9	—	pCi/L	Y	U	U	N3B-2021-16	CAWR-21-208753	GELC
Spring 3	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.126	0.624	2.64	—	pCi/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.48	0.891	2.86	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.47	0.926	2.35	—	pCi/L	Y	—	NQ	N3B-2019-75	CAWR-19-162049	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.76	0.944	2.91	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/02/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.34	0.856	2.69	—	pCi/L	Y	U	U	N3B-2021-16	CAWR-21-208753	GELC
Spring 3	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.0229	0.792	2.84	—	pCi/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	3.61	0.956	2.71	—	pCi/L	Y	—	NQ	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	66.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/02/2020	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	66.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-16	CAWR-21-208752	GELC
Spring 3	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234638	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	1.97	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	1.85	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.13	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-16	CAWR-21-208752	GELC
Spring 3	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	2.06	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234638	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	1.81	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.17	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.31	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.17	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-16	CAWR-21-208752	GELC
Spring 3	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	N	1.19	—	—	0.2	µg/L	Y	—	U	N3B-2022-43	CAWR-22-234638	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.18	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.76	2.85	6.11	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162049	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.49	3.11	11.3	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/02/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.43	3	10.9	—	pCi/L	Y	U	U	N3B-2021-16	CAWR-21-208753	GELC
Spring 3	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.03	2.34	8.17	—	pCi/L	Y	U	UJ	N3B-2022-43	CAWR-22-234637	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.49	2.15	7.71	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259063	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	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162048	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	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.26	—	—	0.085	mg/L	Y	—	J-	N3B-2021-16	CAWR-21-208752	GELC
Spring 3	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.21	—	—	0.017	mg/L	Y	—	J-	N3B-2022-43	CAWR-22-234638	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.21	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.465	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.441	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/02/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.454	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-16	CAWR-21-208752	GELC
Spring 3	—	10/04/2021	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.44	—	—	0.05	µg/L	Y	H	J-	N3B-2022-43	CAWR-22-234638	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.379	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	0.617	—	—	0.574	ng/L	Y	J	J	N3B-2020-19	CAWR-20-188068	GELC
Spring 3	—	10/02/2020	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.612	—	—	0.612	ng/L	Y	U	U	N3B-2021-16	CAWR-21-208753	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	0.755	—	—	0.641	ng/L	Y	J	J+	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0121	0.00934	0.0418	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162049	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.028	0.0131	0.049	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/02/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0217	0.0115	0.059	—	pCi/L	Y	U	U	N3B-2021-16	CAWR-21-208753	GELC
Spring 3	—	10/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.000101	0.00802	0.0519	—	pCi/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0217	0.0142	0.0621	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00964	0.046	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162049	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	0.0528	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/02/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0244	0.0146	0.0799	—	pCi/L	Y	U	U	N3B-2021-16	CAWR-21-208753	GELC
Spring 3	—	10/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00302	0.00897	0.0516	—	pCi/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0124	0.0138	0.0656	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.94	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.89	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.91	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-16	CAWR-21-208752	GELC
Spring 3	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.92	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234638	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.77	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	Y	41.2	20.2	36.5	—	pCi/L	Y	—	NQ	N3B-2019-75	CAWR-19-162049	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.7	22.3	83.9	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/02/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	7.46	18.1	72.8	—	pCi/L	Y	U	U	N3B-2021-16	CAWR-21-208753	GELC
Spring 3	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	46.3	21	41.7	—	pCi/L	Y	UI	U	N3B-2022-43	CAWR-22-234637	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-21	17.1	64.3	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.358	0.132	0.304	—	pCi/L	Y	—	NQ	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/02/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.503	0.15	0.296	—	pCi/L	Y	—	U	N3B-2021-16	CAWR-21-208753	GELC
Spring 3	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.209	0.0999	0.289	—	pCi/L	Y	U	UJ	N3B-2022-43	CAWR-22-234637	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.307	0.125	0.344	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	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	—	10/02/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.613	0.208	—	—	pCi/L	Y	—	U	N3B-2021-16	CAWR-21-208753	GELC
Spring 3	—	10/04/2021	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.434	0.187	—	—	pCi/L	Y	—	UJ	N3B-2022-43	CAWR-22-234637	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.444	0.165	—	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.164	0.21	0.732	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/02/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.109	0.145	0.51	—	pCi/L	Y	U	U	N3B-2021-16	CAWR-21-208753	GELC
Spring 3	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.226	0.158	0.521	—	pCi/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.136	0.109	0.361	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	46.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	45.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	44.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-16	CAWR-21-208752	GELC
Spring 3	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	49	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234638	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	44.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.5	—	—	0.1	mg/L	Y	—	J-	N3B-2021-16	CAWR-21-208752	GELC
Spring 3	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	15.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234638	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	13.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.217	0.675	2.77	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162049	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0632	1.36	5.4	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/02/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	3.39	1.13	5.31	—	pCi/L	Y	U	U	N3B-2021-16	CAWR-21-208753	GELC
Spring 3	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.25	0.974	3.55	—	pCi/L	Y	U	UJ	N3B-2022-43	CAWR-22-234637	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.169	0.875	3.62	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	208	—	—	1	µS/cm	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	189	—	—	1	µS/cm	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	211	—	—	1	µS/cm	Y	—	NQ	N3B-2021-16	CAWR-21-208752	GELC
Spring 3	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	215	—	—	1	µS/cm	Y	—	NQ	N3B-2022-43	CAWR-22-234638	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	198	—	—	1	µS/cm	Y	—	NQ	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	234	—	—	1	µg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	226	—	—	1	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	255	—	—	1	µg/L	Y	—	NQ	N3B-2021-16	CAWR-21-208752	GELC
Spring 3	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	240	—	—	1	µg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234638	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	224	—	—	1	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.298	0.151	0.489	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162049	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0531	0.133	0.478	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/02/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0666	0.134	0.491	—	pCi/L	Y	U	U	N3B-2021-16	CAWR-21-208753	GELC
Spring 3	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.232	0.141	0.461	—	pCi/L	Y	U	UJ	N3B-2022-43	CAWR-22-234637	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.188	0.12	0.479	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.27	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.14	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.06	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-16	CAWR-21-208752	GELC
Spring 3	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.07	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234638	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.88	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	164	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	157	—	—	3.4	mg/L	Y	H	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	177	—	—	3.4	mg/L	Y	—	J+	N3B-2021-16	CAWR-21-208752	GELC
Spring 3	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	149	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234638	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/02/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.16	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162049	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/02/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.111	—	—	0.033	mg/L	Y	—	U	N3B-2021-16	CAWR-21-208753	GELC
Spring 3	—	10/04/2021	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.137	—	—	0.033	mg/L	Y	—	U	N3B-2022-43	CAWR-22-234637	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0616	—	—	0.033	mg/L	Y	J	J-	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0214	—	—	0.02	mg/L	Y	J	U	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0883	—	—	0.02	mg/L	Y	—	U	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0775	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-16	CAWR-21-208752	GELC
Spring 3	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0201	—	—	0.02	mg/L	Y	J	U	N3B-2022-43	CAWR-22-234638	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.109	—	—	0.02	mg/L	Y	—	J	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	09/24/2007	WG	UF	INIT	REG	RAD	Generic:LLEE	Tritium	H-3	Y	0.9982	0.2898	0.2898	—	pCi/L	Y	—	NQ	2409	UU070900G3SW01	UMTL
Spring 3	—	10/11/2016	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.379	0.67	2.07	—	pCi/L	Y	U	U	2017-166	CAWR-16-126326	ARSL
Spring 3	—	10/02/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.768	0.849	2.626	—	pCi/L	Y	U	U	N3B-2019-89	CAWR-19-162049	ARSL
Spring 3	—	10/02/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.498	0.92	2.934	—	pCi/L	Y	U	U	N3B-2021-45	CAWR-21-208753	ARSL
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.891	0.889	2.743	—	pCi/L	Y	U	UJ	N3B-2023-136	CAWR-23-259063	ARSL
Spring 3	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.71	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.79	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.59	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-16	CAWR-21-208752	GELC
Spring 3	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.5	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234638	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.58	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259064	GELC
Spring 3	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.23	0.0823	0.16	—	pCi/L	Y	—	NQ	N3B-2019-75	CAWR-19-162049	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.951	0.0458	0.0459	—	pCi/L	Y	—	NQ	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/02/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.53	0.0705	0.0738	—	pCi/L	Y	—	NQ	N3B-2021-16	CAWR-21-208753	GELC
Spring 3	—	10/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.908	0.0724	0.0741	—	pCi/L	Y	—	NQ	N3B-2022-43	CAWR-22-234637	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.05	0.0754	0.0505	—	pCi/L	Y	—	J	N3B-2023-72	CAWR-23-259063	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	0.155	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162049	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	0.034	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/02/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.07	0.0174	0.0479	—	pCi/L	Y	—	NQ	N3B-2021-16	CAWR-21-208753	GELC
Spring 3	—	10/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0293	0.0132	0.0582	—	pCi/L	Y	U	UJ	N3B-2022-43	CAWR-22-234637	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0807	0.0189	0.0495	—	pCi/L	Y	—	J	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.629	0.0593	0.158	—	pCi/L	Y	—	NQ	N3B-2019-75	CAWR-19-162049	GELC
Spring 3	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.553	0.0351	0.0305	—	pCi/L	Y	—	NQ	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/02/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.932	0.0545	0.0659	—	pCi/L	Y	—	NQ	N3B-2021-16	CAWR-21-208753	GELC
Spring 3	—	10/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.539	0.0502	0.0719	—	pCi/L	Y	—	NQ	N3B-2022-43	CAWR-22-234637	GELC
Spring 3	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.723	0.0577	0.0531	—	pCi/L	Y	—	J	N3B-2023-72	CAWR-23-259063	GELC
Spring 3	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	13.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	12.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	15	—	—	1	µg/L	Y	—	NQ	N3B-2021-16	CAWR-21-208752	GELC
Spring 3	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	13.3	—	—	1	µg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234638	GELC
Spring 3	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	13.2	—	—	1	µg/L	Y	—	J+	N3B-2023-72	CAWR-23-259064	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	—	—	0.01	SU	Y	HQ	NQ	2018-460	CAWR-18-147294	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	—	—	0.01	SU	Y	H	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	—	0.01	SU	Y	H	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	—	0.01	SU	Y	H	J	N3B-2022-42	CAWR-22-234640	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.02	—	—	0.01	SU	Y	H	J	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.15	—	—	0.01	SU	Y	H	J	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86.6	—	—	1.45	mg/L	Y	Q	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00532	0.0381	—	pCi/L	Y	U	U	2018-460	CAWR-18-147316	GELC
Spring 3A	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00863	0.00807	0.0515	—	pCi/L	Y	U	U	N3B-2019-69	CAWR-19-162061	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00252	0.0116	0.0342	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/04/2021	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0164	0.125	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00833	0.0546	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00357	0.00944	0.0573	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.047	—	—	0.017	mg/L	Y	JQ	U	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0372	—	—	0.017	mg/L	Y	J	J	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0241	—	—	0.017	mg/L	Y	J	U	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0553	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.057	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0404	—	—	0.017	mg/L	Y	J	J	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	4.13	—	—	2	µg/L	Y	J	J	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	5.91	—	—	2	µg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	4.24	—	—	2	µg/L	Y	J	J	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.49	—	—	2	µg/L	Y	J	J	N3B-2022-42	CAWR-22-234640	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.39	—	—	2	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.3	—	—	2	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	33.3	—	—	1	µg/L	Y	—	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32	—	—	1	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	33.8	—	—	1	µg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	34.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Barium	Ba	Y	33.6	—	—	1	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	21.3	—	—	15	µg/L	Y	J	J	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	22.8	—	—	15	µg/L	Y	J	J	N3B-2022-42	CAWR-22-234640	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	21.1	—	—	15	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Boron	B	Y	19.9	—	—	15	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259075	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	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	Calcium	Ca	Y	21.8	—	—	0.05	mg/L	Y	—	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	22.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	21.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Calcium	Ca	Y	21	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.4	1.52	6.57	—	pCi/L	Y	U	U	2018-460	CAWR-18-147316	GELC
Spring 3A	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.631	0.855	2.86	—	pCi/L	Y	U	U	N3B-2019-69	CAWR-19-162061	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0966	1.19	4.7	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.37	1.96	5.6	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	5.11	1.93	4.42	—	pCi/L	Y	UI	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.92	1.96	7.24	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.64	—	—	0.067	mg/L	Y	Q	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.76	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.77	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.76	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.92	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.08	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.57	—	—	3	µg/L	Y	J	J	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.32	—	—	3	µg/L	Y	J	J	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.15	—	—	3	µg/L	Y	J	J	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.11	—	—	3	µg/L	Y	J	J	N3B-2022-42	CAWR-22-234640	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.95	—	—	3	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.96	—	—	3	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.00644	1.65	7.1	—	pCi/L	Y	U	U	2018-460	CAWR-18-147316	GELC
Spring 3A	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.26	0.869	2.83	—	pCi/L	Y	U	U	N3B-2019-69	CAWR-19-162061	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.174	1.73	6.71	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.97	1.69	5.4	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.127	0.775	3.47	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.746	1.65	6.16	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.338	—	—	0.033	mg/L	Y	Q	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.407	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.524	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.265	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.457	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.456	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.829	0.831	2.98	—	pCi/L	Y	U	U	2018-460	CAWR-18-147316	GELC
Spring 3A	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.895	0.808	2.86	—	pCi/L	Y	U	U	N3B-2019-69	CAWR-19-162061	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.22	0.97	2.89	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0305	0.491	2.39	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.527	0.693	2.42	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	EPA:900.0	Gross alpha	GROSSA	N	2.9	1.14	2.97	—	pCi/L	Y	U	UJ	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.51	0.868	2.36	—	pCi/L	Y	—	NQ	2018-460	CAWR-18-147316	GELC
Spring 3A	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.84	0.822	2.32	—	pCi/L	Y	—	NQ	N3B-2019-69	CAWR-19-162061	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.28	0.872	2.89	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.08	0.891	2.49	—	pCi/L	Y	—	NQ	N3B-2022-42	CAWR-22-234639	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	4.89	0.943	2.33	—	pCi/L	Y	—	J	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	EPA:900.0	Gross beta	GROSSB	Y	7.62	1.11	2.42	—	pCi/L	Y	—	J	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.9	—	—	0.453	mg/L	Y	—	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	58.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	60.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	1.81	—	—	0.11	mg/L	Y	—	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	1.8	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	1.77	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	1.94	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	1.88	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	1.86	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.07	—	—	0.2	µg/L	Y	—	NQ	2018-460	CAWR-18-147294	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	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	Molybdenum	Mo	Y	1.19	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.24	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.26	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.13	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.11	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.45	3.16	11.5	—	pCi/L	Y	U	U	2018-460	CAWR-18-147316	GELC
Spring 3A	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.826	1.68	6.1	—	pCi/L	Y	U	U	N3B-2019-69	CAWR-19-162061	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.31	3.01	10.9	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	8.11	5.6	11.1	—	pCi/L	Y	U	UJ	N3B-2022-42	CAWR-22-234639	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.503	2.24	7.83	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	14.7	6.2	11.5	—	pCi/L	Y	UI	U	N3B-2023-73	CAWR-23-259074	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	—	—	0.085	mg/L	Y	Q	NQ	2018-460	CAWR-18-147294	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	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162060	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	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.05	—	—	0.017	mg/L	Y	—	J-	N3B-2022-42	CAWR-22-234640	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.01	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.01	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/11/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.448	—	—	0.05	µg/L	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.44	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.443	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/04/2021	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.437	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.373	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.373	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00232	0.00519	0.0402	—	pCi/L	Y	U	U	2018-460	CAWR-18-147316	GELC
Spring 3A	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0254	0.0108	0.044	—	pCi/L	Y	U	U	N3B-2019-69	CAWR-19-162061	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0107	0.0107	0.0469	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00988	0.00869	0.067	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00768	0.00769	0.0514	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00241	0.0054	0.0485	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259074	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	0.0521	—	pCi/L	Y	U	U	2018-460	CAWR-18-147316	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	0.0484	—	pCi/L	Y	U	U	N3B-2019-69	CAWR-19-162061	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	0.0507	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0189	0.0123	0.0666	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0128	0.0106	0.0543	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00241	0.00801	0.0512	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.93	—	—	0.05	mg/L	Y	—	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.83	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.82	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.93	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.91	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Potassium	K	Y	2.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-50	21.4	79.1	—	pCi/L	Y	U	U	2018-460	CAWR-18-147316	GELC
Spring 3A	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-1.32	12.8	46.9	—	pCi/L	Y	U	U	N3B-2019-69	CAWR-19-162061	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-24.3	22.4	84.1	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	2.39	23.4	87.9	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	14.5	17.6	44.7	—	pCi/L	Y	U	UJ	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-54.2	29.6	88.8	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.304	0.189	0.625	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.364	0.124	0.299	—	pCi/L	Y	—	NQ	N3B-2022-42	CAWR-22-234639	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	-0.0354	0.128	0.541	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.236	0.141	0.452	—	pCi/L	Y	U	UJ	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	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	—	10/04/2021	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.385	0.171	—	—	pCi/L	Y	—	NQ	N3B-2022-42	CAWR-22-234639	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0	0.254	—	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.754	0.246	—	—	pCi/L	Y	U	UJ	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0164	0.171	0.635	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0211	0.118	0.443	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.515	0.22	0.917	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.518	0.202	0.581	—	pCi/L	Y	U	UJ	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	47.7	—	—	0.053	mg/L	Y	—	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	46.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3A	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	46.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	50.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	49.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	49.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.4	—	—	0.1	mg/L	Y	—	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	15	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	14.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Sodium	Na	Y	14.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.166	2.11	8.68	—	pCi/L	Y	U	U	2018-460	CAWR-18-147316	GELC
Spring 3A	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.344	0.854	3.07	—	pCi/L	Y	U	U	N3B-2019-69	CAWR-19-162061	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.3	1.49	4.96	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.85	1.51	4.77	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.469	1.35	4.97	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.397	1.42	5.89	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	217	—	—	1	µS/cm	Y	Q	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	198	—	—	1	µS/cm	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	182	—	—	1	µS/cm	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	206	—	—	1	µS/cm	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	188	—	—	1	µS/cm	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	190	—	—	1	µS/cm	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	233	—	—	1	µg/L	Y	—	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	225	—	—	1	µg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	220	—	—	1	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	232	—	—	1	µg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	240	—	—	1	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Strontium	Sr	Y	239	—	—	1	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.281	0.0982	0.397	—	pCi/L	Y	U	U	2018-460	CAWR-18-147316	GELC
Spring 3A	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0961	0.132	0.468	—	pCi/L	Y	U	U	N3B-2019-69	CAWR-19-162061	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.139	0.146	0.496	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.105	0.129	0.452	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.139	0.145	0.497	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.116	0.142	0.492	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.11	—	—	0.133	mg/L	Y	Q	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.25	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.15	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.07	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.01	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.03	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/10/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-373	CAWR-18-147409	GELC
Spring 3A	—	10/02/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	0.35	—	—	0.3	µg/L	Y	J	J	N3B-2019-39	CAWR-19-162061	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	—	0.3	µg/L	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	—	10/04/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	—	—	0.333	µg/L	Y	U	U	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Toluene	108-88-3	Y	0.42	—	—	0.333	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	3.4	mg/L	Y	Q	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	180	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	126	—	—	3.4	mg/L	Y	H	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	Y	—	J	N3B-2022-42	CAWR-22-234640	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0237	—	—	0.02	mg/L	Y	JQ	J	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0369	—	—	0.02	mg/L	Y	J	U	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2022-42	CAWR-22-234640	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0918	—	—	0.02	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0965	—	—	0.02	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/10/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.397	0.72	2.464	—	pCi/L	Y	U	U	2018-475	CAWR-18-147316	ARSL
Spring 3A	—	10/02/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.529	0.99	2.942	—	pCi/L	Y	U	U	N3B-2019-89	CAWR-19-162061	ARSL
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.512	0.848	2.834	—	pCi/L	Y	U	U	N3B-2020-89	CAWR-20-188069	ARSL

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3A	—	10/04/2021	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.944	0.874	2.961	—	pCi/L	Y	U	UJ	N3B-2022-120	CAWR-22-234639	ARSL
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.877	0.853	2.8	—	pCi/L	Y	U	UJ	N3B-2023-136	CAWR-23-259068	ARSL
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.521	0.922	2.936	—	pCi/L	Y	U	UJ	N3B-2023-136	CAWR-23-259074	ARSL
Spring 3A	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.24	—	—	0.067	µg/L	Y	—	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.41	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.4	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.37	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.35	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	1.33	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.767	0.0424	0.0483	—	pCi/L	Y	—	NQ	2018-460	CAWR-18-147316	GELC
Spring 3A	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.797	0.0597	0.127	—	pCi/L	Y	—	NQ	N3B-2019-69	CAWR-19-162061	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.785	0.0487	0.062	—	pCi/L	Y	—	NQ	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.754	0.0614	0.0674	—	pCi/L	Y	—	NQ	N3B-2022-42	CAWR-22-234639	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.743	0.06	0.0554	—	pCi/L	Y	—	NQ	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.753	0.0617	0.0581	—	pCi/L	Y	—	NQ	N3B-2023-73	CAWR-23-259074	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	0.0514	—	pCi/L	Y	—	J	2018-460	CAWR-18-147316	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	0.124	—	pCi/L	Y	U	U	N3B-2019-69	CAWR-19-162061	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	0.0459	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0452	0.0151	0.0529	—	pCi/L	Y	U	UJ	N3B-2022-42	CAWR-22-234639	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.031	0.0134	0.0541	—	pCi/L	Y	U	UJ	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0541	0.0151	0.0568	—	pCi/L	Y	U	UJ	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.464	0.0332	0.0467	—	pCi/L	Y	—	NQ	2018-460	CAWR-18-147316	GELC
Spring 3A	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.552	0.0489	0.125	—	pCi/L	Y	—	NQ	N3B-2019-69	CAWR-19-162061	GELC
Spring 3A	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.411	0.0346	0.0412	—	pCi/L	Y	—	NQ	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.405	0.0403	0.0654	—	pCi/L	Y	—	NQ	N3B-2022-42	CAWR-22-234639	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.484	0.0443	0.0583	—	pCi/L	Y	—	NQ	N3B-2023-73	CAWR-23-259068	GELC
Spring 3A	—	10/03/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.455	0.0437	0.0611	—	pCi/L	Y	—	NQ	N3B-2023-73	CAWR-23-259074	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	13.1	—	—	1	µg/L	Y	—	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	12.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	12.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	13.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	13.8	—	—	1	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Vanadium	V	Y	13.4	—	—	1	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259075	GELC
Spring 3A	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	6.31	—	—	3.3	µg/L	Y	J	U	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	4.32	—	—	3.3	µg/L	Y	J	J	N3B-2022-42	CAWR-22-234640	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	5.15	—	—	3.3	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259069	GELC
Spring 3A	—	10/03/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Zinc	Zn	Y	4.53	—	—	3.3	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259075	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	—	—	0.01	SU	Y	H	NQ	2018-458	CAWR-18-147295	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	—	—	0.01	SU	Y	H	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.06	—	—	0.01	SU	Y	H	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.83	—	—	0.01	SU	Y	H	J	N3B-2022-41	CAWR-22-234642	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	0.01	SU	Y	H	J	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.4	—	—	1.45	mg/L	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234642	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00694	0.011	0.0608	—	pCi/L	Y	U	U	2018-458	CAWR-18-147317	GELC
Spring 3AA	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0145	0.017	0.0495	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162067	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00684	0.00822	0.0309	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/04/2021	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0172	0.14	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00623	0.00963	0.0588	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0384	—	—	0.017	mg/L	Y	J	U	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0308	—	—	0.017	mg/L	Y	J	J	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0264	—	—	0.017	mg/L	Y	J	U	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2022-41	CAWR-22-234642	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0552	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	4.03	—	—	2	µg/L	Y	J	J	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	6.31	—	—	2	µg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.92	—	—	2	µg/L	Y	J	J	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.52	—	—	2	µg/L	Y	J	J	N3B-2022-41	CAWR-22-234642	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.96	—	—	2	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	8.67	—	—	1	µg/L	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	9.02	—	—	1	µg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	8.94	—	—	1	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	9.14	—	—	1	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234642	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	8.78	—	—	1	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	24	—	—	15	µg/L	Y	J	J	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	24.9	—	—	15	µg/L	Y	J	J	N3B-2022-41	CAWR-22-234642	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	25.7	—	—	15	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.9	—	—	0.05	mg/L	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	18.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234642	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	16.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.672	1.33	4.72	—	pCi/L	Y	U	U	2018-458	CAWR-18-147317	GELC
Spring 3AA	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.412	1.03	3.78	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162067	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.171	0.988	3.74	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.944	1.1	3.95	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.165	0.9	3.37	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.47	—	—	0.067	mg/L	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.49	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.57	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.5	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234642	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.56	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.15	—	—	3	µg/L	Y	J	J	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.96	—	—	3	µg/L	Y	J	J	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.2	—	—	3	µg/L	Y	J	J	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.95	—	—	3	µg/L	Y	J	J	N3B-2022-41	CAWR-22-234642	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.93	—	—	3	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.44	1.02	5.08	—	pCi/L	Y	U	U	2018-458	CAWR-18-147317	GELC
Spring 3AA	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.84	1.11	4.85	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162067	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.424	1.16	4.95	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.787	1.25	4.39	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.524	0.579	2.15	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.326	—	—	0.033	mg/L	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.376	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.501	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.278	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234642	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.529	—	—	0.033	mg/L	Y	—	J	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.03	0.854	3	—	pCi/L	Y	U	U	2018-458	CAWR-18-147317	GELC
Spring 3AA	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.65	0.902	2.8	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162067	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.72	0.906	2.79	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.22	1.03	2.4	—	pCi/L	Y	—	NQ	N3B-2022-41	CAWR-22-234641	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	Y	3.19	1.05	2.45	—	pCi/L	Y	—	NQ	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.47	0.758	2.42	—	pCi/L	Y	U	U	2018-458	CAWR-18-147317	GELC
Spring 3AA	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.09	0.901	2.49	—	pCi/L	Y	—	NQ	N3B-2019-75	CAWR-19-162067	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.05	0.897	2.9	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	7.43	1.16	2.96	—	pCi/L	Y	—	NQ	N3B-2022-41	CAWR-22-234641	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	1.91	0.874	2.8	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.3	—	—	0.453	mg/L	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	46.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234642	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	0.257	—	—	0.11	mg/L	Y	J	J	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	0.29	—	—	0.11	mg/L	Y	J	J	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	0.28	—	—	0.11	mg/L	Y	J	J	N3B-2020-41	CAWR-20-186697	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3AA	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	0.302	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234642	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	0.277	—	—	0.11	mg/L	Y	J	J	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.06	—	—	0.2	µg/L	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.23	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.16	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	3.05	—	—	0.2	µg/L	Y	—	J+	N3B-2022-41	CAWR-22-234642	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.07	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.21	2.29	8.87	—	pCi/L	Y	U	U	2018-458	CAWR-18-147317	GELC
Spring 3AA	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.01	2.24	8.17	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162067	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.65	1.93	7.18	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.85	2.54	8.61	—	pCi/L	Y	U	UJ	N3B-2022-41	CAWR-22-234641	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.747	1.94	7.03	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259121	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	—	—	0.017	mg/L	Y	—	NQ	2018-458	CAWR-18-147295	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	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162066	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	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.439	—	—	0.017	mg/L	Y	—	J-	N3B-2022-41	CAWR-22-234642	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.409	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/11/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.408	—	—	0.05	µg/L	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.427	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.426	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/04/2021	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.413	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234642	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.357	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00593	0.0103	0.0513	—	pCi/L	Y	U	U	2018-458	CAWR-18-147317	GELC
Spring 3AA	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00539	0.00661	0.0467	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162067	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00258	0.0139	0.0451	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00286	0.00832	0.0566	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0131	0.00927	0.0658	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259121	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	0.0666	—	pCi/L	Y	U	U	2018-458	CAWR-18-147317	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	0.0514	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162067	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	0.0487	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00418	0.0104	0.0563	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0113	0.0695	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.64	—	—	0.05	mg/L	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.84	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.82	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.83	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234642	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.79	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	14.2	16.4	70.9	—	pCi/L	Y	U	U	2018-458	CAWR-18-147317	GELC
Spring 3AA	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	14.1	24.1	40.2	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162067	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-17.7	18.9	72.3	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12.6	22.2	41.2	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-5.27	15.7	62.6	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.613	0.204	0.49	—	pCi/L	Y	—	NQ	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.46	0.168	0.465	—	pCi/L	Y	U	UJ	N3B-2022-41	CAWR-22-234641	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.495	0.15	0.27	—	pCi/L	Y	—	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	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	—	10/04/2021	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.811	0.238	—	—	pCi/L	Y	—	UJ	N3B-2022-41	CAWR-22-234641	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.495	0.244	—	—	pCi/L	Y	J	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.168	0.18	0.631	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.351	0.169	0.516	—	pCi/L	Y	U	UJ	N3B-2022-41	CAWR-22-234641	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.165	0.192	0.75	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	37.9	—	—	0.053	mg/L	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	39.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	39.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	42.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234642	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	39.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.2	—	—	0.1	mg/L	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	16.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234642	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	15.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259122	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.386	0.927	4.23	—	pCi/L	Y	U	U	2018-458	CAWR-18-147317	GELC
Spring 3AA	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.115	1.14	4.26	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162067	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.117	1.08	4.53	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.761	1.02	3.73	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.13	1.12	2.96	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	179	—	—	1	µS/cm	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	170	—	—	1	µS/cm	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	147	—	—	1	µS/cm	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	171	—	—	1	µS/cm	Y	—	NQ	N3B-2022-41	CAWR-22-234642	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	162	—	—	1	µS/cm	Y	—	NQ	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	149	—	—	1	µg/L	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	153	—	—	1	µg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	153	—	—	1	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234642	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	153	—	—	1	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.257	0.138	0.448	—	pCi/L	Y	U	U	2018-458	CAWR-18-147317	GELC
Spring 3AA	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0697	0.127	0.448	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162067	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.161	0.0702	0.25	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0525	0.142	0.499	—	pCi/L	Y	U	UJ	N3B-2022-41	CAWR-22-234641	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.046	0.137	0.488	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.64	—	—	0.133	mg/L	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.58	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.58	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.55	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234642	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.42	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	119	—	—	3.4	mg/L	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	H	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	126	—	—	3.4	mg/L	Y	—	J	N3B-2022-41	CAWR-22-234642	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	117	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2018-458	CAWR-18-147317	GELC
Spring 3AA	—	10/02/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0367	—	—	0.033	mg/L	Y	J	J	N3B-2019-75	CAWR-19-162067	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/04/2021	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.109	—	—	0.033	mg/L	Y	—	U	N3B-2022-41	CAWR-22-234641	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0629	—	—	0.033	mg/L	Y	J	J-	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0836	—	—	0.02	mg/L	Y	—	U	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0365	—	—	0.02	mg/L	Y	J	U	N3B-2022-41	CAWR-22-234642	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.103	—	—	0.02	mg/L	Y	—	J	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.749	0.764	2.559	—	pCi/L	Y	U	U	2018-475	CAWR-18-147317	ARSL
Spring 3AA	—	10/02/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	5.435	1.292	3.06	—	pCi/L	Y	—	NQ	N3B-2019-89	CAWR-19-162067	ARSL
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.472	0.883	2.958	—	pCi/L	Y	U	U	N3B-2020-90	CAWR-20-188070	ARSL
Spring 3AA	—	10/04/2021	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.098	0.869	2.936	—	pCi/L	Y	U	UJ	N3B-2022-120	CAWR-22-234641	ARSL
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.684	0.882	3.008	—	pCi/L	Y	U	UJ	N3B-2023-136	CAWR-23-259121	ARSL
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.27	—	—	0.067	µg/L	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.38	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.3	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.23	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234642	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.22	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259122	GELC
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.887	0.0448	0.0464	—	pCi/L	Y	—	NQ	2018-458	CAWR-18-147317	GELC
Spring 3AA	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.807	0.0471	0.0845	—	pCi/L	Y	—	NQ	N3B-2019-75	CAWR-19-162067	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.918	0.0535	0.0652	—	pCi/L	Y	—	NQ	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.918	0.0727	0.0742	—	pCi/L	Y	—	NQ	N3B-2022-41	CAWR-22-234641	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.733	0.0657	0.065	—	pCi/L	Y	—	NQ	N3B-2023-72	CAWR-23-259121	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	0.0493	—	pCi/L	Y	—	NQ	2018-458	CAWR-18-147317	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	0.0819	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162067	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	0.0483	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0227	0.013	0.0583	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0313	0.0137	0.0637	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/10/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.574	0.0362	0.0448	—	pCi/L	Y	—	NQ	2018-458	CAWR-18-147317	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 3AA	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.477	0.0365	0.0834	—	pCi/L	Y	—	NQ	N3B-2019-75	CAWR-19-162067	GELC
Spring 3AA	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.56	0.0423	0.0433	—	pCi/L	Y	—	NQ	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.482	0.0474	0.072	—	pCi/L	Y	—	NQ	N3B-2022-41	CAWR-22-234641	GELC
Spring 3AA	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.477	0.0487	0.0684	—	pCi/L	Y	—	NQ	N3B-2023-72	CAWR-23-259121	GELC
Spring 3AA	—	10/10/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	13.7	—	—	1	µg/L	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	13.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	13.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	14.2	—	—	1	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234642	GELC
Spring 3AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	13.9	—	—	1	µg/L	Y	—	J+	N3B-2023-72	CAWR-23-259122	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	—	—	0.01	SU	Y	H	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.78	—	—	0.01	SU	Y	H	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/05/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.58	—	—	0.01	SU	Y	H	J	N3B-2021-24	CAWR-21-208755	GELC
Spring 4	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.61	—	—	0.01	SU	Y	H	J	N3B-2022-41	CAWR-22-234644	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.47	—	—	0.01	SU	Y	H	J	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/05/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-24	CAWR-21-208755	GELC
Spring 4	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234644	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0046	0.00564	0.0549	—	pCi/L	Y	U	U	N3B-2019-69	CAWR-19-162849	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00984	0.0421	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/05/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0196	0.00918	0.0355	—	pCi/L	Y	U	U	N3B-2021-24	CAWR-21-208756	GELC
Spring 4	—	10/04/2021	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00412	0.0124	0.125	—	pCi/L	Y	U	UJ	N3B-2022-41	CAWR-22-234643	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0873	0.0291	0.0935	—	pCi/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0379	—	—	0.017	mg/L	Y	J	J	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0179	—	—	0.017	mg/L	Y	J	U	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/05/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.038	—	—	0.017	mg/L	Y	J	J	N3B-2021-24	CAWR-21-208755	GELC
Spring 4	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2022-41	CAWR-22-234644	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0425	—	—	0.017	mg/L	Y	J	J-	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	5.77	—	—	2	µg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.48	—	—	2	µg/L	Y	J	J	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	5.32	—	—	2	µg/L	Y	—	NQ	N3B-2021-24	CAWR-21-208755	GELC
Spring 4	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.03	—	—	2	µg/L	Y	J	J	N3B-2022-41	CAWR-22-234644	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.69	—	—	2	µg/L	Y	J	J	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	39.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	38.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	42.1	—	—	1	µg/L	Y	—	NQ	N3B-2021-24	CAWR-21-208755	GELC
Spring 4	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	40.8	—	—	1	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234644	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	43	—	—	1	µg/L	Y	—	NQ	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/11/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	1.06	—	—	0.319	µg/L	Y	U	U	2017-99	CAWR-16-126329	GELC
Spring 4	—	10/10/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.33	—	—	0.33	µg/L	Y	U	U	2018-373	CAWR-18-147401	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.326	—	—	0.326	µg/L	Y	U	U	N3B-2019-39	CAWR-19-162849	GELC
Spring 4	—	10/05/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.3	—	—	0.3	µg/L	Y	U	U	N3B-2021-24	CAWR-21-208756	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.298	—	—	0.298	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	Y	0.384	—	—	0.288	µg/L	Y	J	J-	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/11/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	1.06	—	—	0.319	µg/L	Y	U	U	2017-99	CAWR-16-126329	GELC
Spring 4	—	10/10/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.33	—	—	0.33	µg/L	Y	U	U	2018-373	CAWR-18-147401	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.326	—	—	0.326	µg/L	Y	U	U	N3B-2019-39	CAWR-19-162849	GELC
Spring 4	—	10/05/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.3	—	—	0.3	µg/L	Y	U	U	N3B-2021-24	CAWR-21-208756	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.298	—	—	0.298	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	Y	0.307	—	—	0.288	µg/L	Y	J	J-	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/11/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	1.06	—	—	0.319	µg/L	Y	U	U	2017-99	CAWR-16-126329	GELC
Spring 4	—	10/10/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.33	—	—	0.33	µg/L	Y	U	U	2018-373	CAWR-18-147401	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.326	—	—	0.326	µg/L	Y	U	U	N3B-2019-39	CAWR-19-162849	GELC
Spring 4	—	10/05/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	Y	0.56	—	—	0.3	µg/L	Y	J	J	N3B-2021-24	CAWR-21-208756	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.298	—	—	0.298	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	Y	0.375	—	—	0.288	µg/L	Y	J	J	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/11/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	1.06	—	—	0.319	µg/L	Y	U	U	2017-99	CAWR-16-126329	GELC
Spring 4	—	10/10/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.33	—	—	0.33	µg/L	Y	U	U	2018-373	CAWR-18-147401	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.326	—	—	0.326	µg/L	Y	U	U	N3B-2019-39	CAWR-19-162849	GELC
Spring 4	—	10/05/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.3	—	—	0.3	µg/L	Y	U	U	N3B-2021-24	CAWR-21-208756	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.298	—	—	0.298	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	Y	0.307	—	—	0.288	µg/L	Y	J	J-	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/11/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	21.3	—	—	6.38	µg/L	Y	U	U	2017-99	CAWR-16-126329	GELC
Spring 4	—	10/10/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.59	—	—	6.59	µg/L	Y	U	U	2018-373	CAWR-18-147401	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.52	—	—	6.52	µg/L	Y	U	U	N3B-2019-39	CAWR-19-162849	GELC
Spring 4	—	10/05/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6	—	—	6	µg/L	Y	U	U	N3B-2021-24	CAWR-21-208756	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	5.97	—	—	5.97	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	Y	8.96	—	—	5.76	µg/L	Y	J	J-	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.6	—	—	15	µg/L	Y	J	J	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	21.5	—	—	15	µg/L	Y	J	J	N3B-2021-24	CAWR-21-208755	GELC
Spring 4	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	18.4	—	—	15	µg/L	Y	J	J	N3B-2022-41	CAWR-22-234644	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	17.3	—	—	15	µg/L	Y	J	J	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.6	—	—	0.05	mg/L	Y	E	J	N3B-2021-24	CAWR-21-208755	GELC
Spring 4	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	22.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234644	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	22.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.011	0.762	2.75	—	pCi/L	Y	U	U	N3B-2019-69	CAWR-19-162849	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.06	1.05	3.52	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/05/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.744	1.62	6.09	—	pCi/L	Y	U	U	N3B-2021-24	CAWR-21-208756	GELC
Spring 4	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.228	0.934	3.61	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.33	2.3	3.85	—	pCi/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.13	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.19	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/05/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.91	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-24	CAWR-21-208755	GELC
Spring 4	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.97	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234644	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.98	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.5	—	—	3	µg/L	Y	J	J	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.26	—	—	3	µg/L	Y	J	J	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.2	—	—	3	µg/L	Y	J	J	N3B-2021-24	CAWR-21-208755	GELC
Spring 4	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.02	—	—	3	µg/L	Y	J	J	N3B-2022-41	CAWR-22-234644	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.33	—	—	3	µg/L	Y	J	J	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/11/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	1.06	—	—	0.319	µg/L	Y	U	U	2017-99	CAWR-16-126329	GELC
Spring 4	—	10/10/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.33	—	—	0.33	µg/L	Y	U	U	2018-373	CAWR-18-147401	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.326	—	—	0.326	µg/L	Y	U	U	N3B-2019-39	CAWR-19-162849	GELC
Spring 4	—	10/05/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.3	—	—	0.3	µg/L	Y	U	U	N3B-2021-24	CAWR-21-208756	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.298	—	—	0.298	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	Y	0.355	—	—	0.288	µg/L	Y	J	J-	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.749	0.756	2.95	—	pCi/L	Y	U	U	N3B-2019-69	CAWR-19-162849	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.62	1.16	4.43	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/05/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.12	2.29	8.33	—	pCi/L	Y	U	U	N3B-2021-24	CAWR-21-208756	GELC
Spring 4	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.105	0.707	3.02	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.451	1.56	5.38	—	pCi/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/11/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	1.06	—	—	0.319	µg/L	Y	U	U	2017-99	CAWR-16-126329	GELC
Spring 4	—	10/10/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.33	—	—	0.33	µg/L	Y	U	U	2018-373	CAWR-18-147401	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.326	—	—	0.326	µg/L	Y	U	U	N3B-2019-39	CAWR-19-162849	GELC
Spring 4	—	10/05/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.3	—	—	0.3	µg/L	Y	U	U	N3B-2021-24	CAWR-21-208756	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.298	—	—	0.298	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	Y	0.355	—	—	0.288	µg/L	Y	J	J	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/11/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	10.6	—	—	3.19	µg/L	Y	U	U	2017-99	CAWR-16-126329	GELC
Spring 4	—	10/10/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	3.3	—	—	3.3	µg/L	Y	U	U	2018-373	CAWR-18-147401	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.326	—	—	0.326	µg/L	Y	U	U	N3B-2019-39	CAWR-19-162849	GELC
Spring 4	—	10/05/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.3	—	—	0.3	µg/L	Y	U	U	N3B-2021-24	CAWR-21-208756	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.298	—	—	0.298	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	Y	0.288	—	—	0.288	µg/L	Y	J	J-	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/11/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	10.6	—	—	3.19	µg/L	Y	U	U	2017-99	CAWR-16-126329	GELC
Spring 4	—	10/10/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	3.3	—	—	3.3	µg/L	Y	U	U	2018-373	CAWR-18-147401	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.326	—	—	0.326	µg/L	Y	U	U	N3B-2019-39	CAWR-19-162849	GELC
Spring 4	—	10/05/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.3	—	—	0.3	µg/L	Y	U	U	N3B-2021-24	CAWR-21-208756	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.497	—	—	0.298	µg/L	N	BJ	U	N3B-2023-159	CAWR-23-259139	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	Y	0.403	—	—	0.288	µg/L	Y	J	J	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.468	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.597	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/05/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.554	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-24	CAWR-21-208755	GELC
Spring 4	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.311	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234644	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.584	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.223	0.663	2.96	—	pCi/L	Y	U	U	N3B-2019-69	CAWR-19-162849	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.247	0.667	2.79	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/05/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.99	0.966	2.96	—	pCi/L	Y	U	U	N3B-2021-24	CAWR-21-208756	GELC
Spring 4	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.24	0.688	2	—	pCi/L	Y	U	UJ	N3B-2022-41	CAWR-22-234643	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.302	0.676	2.62	—	pCi/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.12	0.678	1.9	—	pCi/L	Y	—	NQ	N3B-2019-69	CAWR-19-162849	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.56	0.646	1.8	—	pCi/L	Y	—	NQ	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/05/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.44	0.929	2.8	—	pCi/L	Y	—	NQ	N3B-2021-24	CAWR-21-208756	GELC
Spring 4	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.6	0.852	2.52	—	pCi/L	Y	—	NQ	N3B-2022-41	CAWR-22-234643	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	3.87	0.946	2.81	—	pCi/L	Y	—	J	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	73.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	69.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/05/2020	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	76.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-24	CAWR-21-208755	GELC
Spring 4	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	75.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234644	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	74.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/11/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	1.06	—	—	0.319	µg/L	Y	U	U	2017-99	CAWR-16-126329	GELC
Spring 4	—	10/10/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.33	—	—	0.33	µg/L	Y	U	U	2018-373	CAWR-18-147401	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.326	—	—	0.326	µg/L	Y	U	U	N3B-2019-39	CAWR-19-162849	GELC
Spring 4	—	10/05/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	Y	0.37	—	—	0.3	µg/L	Y	J	J	N3B-2021-24	CAWR-21-208756	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.298	—	—	0.298	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	Y	0.336	—	—	0.288	µg/L	Y	J	J-	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.29	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.23	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.95	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-24	CAWR-21-208755	GELC
Spring 4	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	4.61	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234644	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	4.57	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.05	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.2	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.21	—	—	0.2	µg/L	Y	—	J+	N3B-2021-24	CAWR-21-208755	GELC
Spring 4	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	N	1.21	—	—	0.2	µg/L	Y	—	U	N3B-2022-41	CAWR-22-234644	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.09	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.381	1.49	5.45	—	pCi/L	Y	U	U	N3B-2019-69	CAWR-19-162849	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.05	2.27	7.66	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/05/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.825	2.95	10.3	—	pCi/L	Y	U	U	N3B-2021-24	CAWR-21-208756	GELC
Spring 4	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.94	1.83	6.29	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.75	2.26	8.14	—	pCi/L	Y	U	U	N3B-2023-159	CAWR-23-259139	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	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162069	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	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/05/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.09	—	—	0.085	mg/L	Y	—	NQ	N3B-2021-24	CAWR-21-208755	GELC
Spring 4	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.12	—	—	0.017	mg/L	Y	—	J-	N3B-2022-41	CAWR-22-234644	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.3	—	—	0.085	mg/L	Y	—	J+	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.634	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.636	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/05/2020	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.609	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-24	CAWR-21-208755	GELC
Spring 4	—	10/04/2021	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.581	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234644	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.517	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/11/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	1.06	—	—	0.319	µg/L	Y	U	U	2017-99	CAWR-16-126329	GELC
Spring 4	—	10/10/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.33	—	—	0.33	µg/L	Y	U	U	2018-373	CAWR-18-147401	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.326	—	—	0.326	µg/L	Y	U	U	N3B-2019-39	CAWR-19-162849	GELC
Spring 4	—	10/05/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.3	—	—	0.3	µg/L	Y	U	U	N3B-2021-24	CAWR-21-208756	GELC
Spring 4	—	10/13/2022	WG	UF	RE	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.298	—	—	0.298	µg/L	N	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	Y	0.327	—	—	0.288	µg/L	Y	J	J-	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.02	0.0122	0.0433	—	pCi/L	Y	U	U	N3B-2019-69	CAWR-19-162849	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.014	0.0132	0.0407	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/05/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00643	0.00567	0.0466	—	pCi/L	Y	U	UJ	N3B-2021-24	CAWR-21-208756	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4	—	10/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00171	0.00759	0.0586	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00924	0.0587	—	pCi/L	Y	U	U	N3B-2023-159	CAWR-23-259139	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	0.0476	—	pCi/L	Y	U	U	N3B-2019-69	CAWR-19-162849	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	0.044	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/05/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00214	0.00773	0.0631	—	pCi/L	Y	U	UJ	N3B-2021-24	CAWR-21-208756	GELC
Spring 4	—	10/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0108	0.012	0.0583	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00876	0.0127	0.062	—	pCi/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.66	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.61	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.53	—	—	0.05	mg/L	Y	—	J+	N3B-2021-24	CAWR-21-208755	GELC
Spring 4	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.62	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234644	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.79	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	Y	32.8	15.2	26.8	—	pCi/L	Y	—	NQ	N3B-2019-69	CAWR-19-162849	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-24.7	17.2	63.8	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/05/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-20.7	24.5	104	—	pCi/L	Y	U	U	N3B-2021-24	CAWR-21-208756	GELC
Spring 4	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-20.8	15	53.5	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-11.6	15	53.6	—	pCi/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.264	0.113	0.288	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/05/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.301	0.159	0.481	—	pCi/L	Y	U	U	N3B-2021-24	CAWR-21-208756	GELC
Spring 4	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0895	0.0671	0.228	—	pCi/L	Y	U	UJ	N3B-2022-41	CAWR-22-234643	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.379	0.132	0.333	—	pCi/L	Y	—	J+	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	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	—	10/05/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.301	0.243	—	—	pCi/L	Y	—	U	N3B-2021-24	CAWR-21-208756	GELC
Spring 4	—	10/04/2021	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.335	0.248	—	—	pCi/L	Y	—	UJ	N3B-2022-41	CAWR-22-234643	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	1.08	0.278	—	—	pCi/L	Y	—	J+	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.245	0.177	0.693	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/05/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0222	0.184	0.685	—	pCi/L	Y	U	U	N3B-2021-24	CAWR-21-208756	GELC
Spring 4	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.245	0.238	0.807	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.702	0.245	0.694	—	pCi/L	Y	—	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	51.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	49.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	49.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-24	CAWR-21-208755	GELC
Spring 4	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	54.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234644	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	56.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.4	—	—	0.1	mg/L	Y	—	J+	N3B-2021-24	CAWR-21-208755	GELC
Spring 4	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	13.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234644	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	14	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.103	0.626	2.28	—	pCi/L	Y	U	U	N3B-2019-69	CAWR-19-162849	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.232	1.09	4.36	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/05/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.03	2.32	8.96	—	pCi/L	Y	U	U	N3B-2021-24	CAWR-21-208756	GELC
Spring 4	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.278	0.75	3.35	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.844	0.993	3.48	—	pCi/L	Y	U	U	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	217	—	—	1	µS/cm	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	197	—	—	1	µS/cm	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/05/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	207	—	—	1	µS/cm	Y	—	NQ	N3B-2021-24	CAWR-21-208755	GELC
Spring 4	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	223	—	—	1	µS/cm	Y	—	NQ	N3B-2022-41	CAWR-22-234644	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	220	—	—	1	µS/cm	Y	—	NQ	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	128	—	—	1	µg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	123	—	—	1	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	142	—	—	1	µg/L	Y	—	NQ	N3B-2021-24	CAWR-21-208755	GELC
Spring 4	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	131	—	—	1	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234644	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	144	—	—	1	µg/L	Y	—	NQ	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0254	0.135	0.483	—	pCi/L	Y	U	U	N3B-2019-69	CAWR-19-162849	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.235	0.13	0.498	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/05/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.22	0.126	0.489	—	pCi/L	Y	U	U	N3B-2021-24	CAWR-21-208756	GELC
Spring 4	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.43	0.151	0.449	—	pCi/L	Y	U	UJ	N3B-2022-41	CAWR-22-234643	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.273	0.128	0.414	—	pCi/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.4	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.1	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4	—	10/05/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.6	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-24	CAWR-21-208755	GELC
Spring 4	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.83	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234644	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.84	—	—	0.133	mg/L	Y	—	J+	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	177	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	186	—	—	3.4	mg/L	Y	H	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/05/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	164	—	—	3.4	mg/L	Y	—	J+	N3B-2021-24	CAWR-21-208755	GELC
Spring 4	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	164	—	—	3.4	mg/L	Y	—	J	N3B-2022-41	CAWR-22-234644	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	152	—	—	2.38	mg/L	Y	—	J	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0545	—	—	0.033	mg/L	Y	J	J	N3B-2019-69	CAWR-19-162849	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/05/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.153	—	—	0.033	mg/L	Y	—	U	N3B-2021-24	CAWR-21-208756	GELC
Spring 4	—	10/04/2021	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.175	—	—	0.033	mg/L	Y	—	U	N3B-2022-41	CAWR-22-234643	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0825	—	—	0.033	mg/L	Y	J	J+	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/05/2011	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	4.03	0.91	2.07	—	pCi/L	Y	—	NQ	12-75	CAWR-11-28014	ARSL
Spring 4	—	10/11/2016	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	4.854	1.051	2.23	—	pCi/L	Y	—	NQ	2017-166	CAWR-16-126329	ARSL
Spring 4	—	10/02/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.443	0.843	2.673	—	pCi/L	Y	U	U	N3B-2019-89	CAWR-19-162849	ARSL
Spring 4	—	10/05/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.649	1.005	2.976	—	pCi/L	Y	U	U	N3B-2021-45	CAWR-21-208756	ARSL
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	3.969	1.045	2.68	—	pCi/L	Y	—	U	N3B-2023-304	CAWR-23-259139	ARSL
Spring 4	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.868	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.857	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.01	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-24	CAWR-21-208755	GELC
Spring 4	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.918	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234644	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.8	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.722	0.0587	0.134	—	pCi/L	Y	—	NQ	N3B-2019-69	CAWR-19-162849	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.555	0.0399	0.0549	—	pCi/L	Y	—	NQ	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/05/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.798	0.045	0.0538	—	pCi/L	Y	—	NQ	N3B-2021-24	CAWR-21-208756	GELC
Spring 4	—	10/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.633	0.0612	0.0883	—	pCi/L	Y	—	NQ	N3B-2022-41	CAWR-22-234643	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.52	0.0441	0.0446	—	pCi/L	Y	—	NQ	N3B-2023-159	CAWR-23-259139	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	0.13	—	pCi/L	Y	U	U	N3B-2019-69	CAWR-19-162849	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	0.0406	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/05/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0199	0.0136	0.0349	—	pCi/L	Y	U	U	N3B-2021-24	CAWR-21-208756	GELC
Spring 4	—	10/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0164	0.0127	0.0694	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0332	0.0125	0.0436	—	pCi/L	Y	U	UJ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/02/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.371	0.0424	0.132	—	pCi/L	Y	—	NQ	N3B-2019-69	CAWR-19-162849	GELC
Spring 4	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.246	0.027	0.0364	—	pCi/L	Y	—	NQ	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/05/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.413	0.0313	0.048	—	pCi/L	Y	—	NQ	N3B-2021-24	CAWR-21-208756	GELC
Spring 4	—	10/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.346	0.042	0.0857	—	pCi/L	Y	—	NQ	N3B-2022-41	CAWR-22-234643	GELC
Spring 4	—	10/13/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.284	0.0299	0.0469	—	pCi/L	Y	—	NQ	N3B-2023-159	CAWR-23-259139	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	8.87	—	—	1	µg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	8.24	—	—	1	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	9.53	—	—	1	µg/L	Y	—	NQ	N3B-2021-24	CAWR-21-208755	GELC
Spring 4	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	8.89	—	—	1	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234644	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	9.89	—	—	1	µg/L	Y	—	NQ	N3B-2023-159	CAWR-23-259140	GELC
Spring 4	—	10/02/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	5.39	—	—	3.3	µg/L	Y	J	U	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/05/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	5.88	—	—	3.3	µg/L	Y	J	J	N3B-2021-24	CAWR-21-208755	GELC
Spring 4	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	N	4.83	—	—	3.3	µg/L	Y	J	U	N3B-2022-41	CAWR-22-234644	GELC
Spring 4	—	10/13/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	5.98	—	—	3.3	µg/L	Y	J	J	N3B-2023-159	CAWR-23-259140	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	—	—	0.01	SU	Y	HQ	NQ	2018-459	CAWR-18-147298	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	—	—	0.01	SU	Y	H	NQ	N3B-2019-76	CAWR-19-162079	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	—	—	0.01	SU	Y	H	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.49	—	—	0.01	SU	Y	H	J	N3B-2022-40	CAWR-22-234648	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.43	—	—	0.01	SU	Y	H	J	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.8	—	—	1.45	mg/L	Y	Q	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	92	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	87.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234648	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00694	0.00612	0.0406	—	pCi/L	Y	U	U	2018-459	CAWR-18-147320	GELC
Spring 4AA	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0213	0.0213	0.102	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162080	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00729	0.0117	0.0329	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4AA	—	10/04/2021	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0125	0.0138	0.127	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0228	0.0143	0.0524	—	pCi/L	Y	U	UJ	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	UQ	U	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0293	—	—	0.017	mg/L	Y	J	U	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0317	—	—	0.017	mg/L	Y	J	J	N3B-2022-40	CAWR-22-234648	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0306	—	—	0.017	mg/L	Y	J	J	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.93	—	—	2	µg/L	Y	J	J	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	4.46	—	—	2	µg/L	Y	J	J	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.53	—	—	2	µg/L	Y	J	J	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.48	—	—	2	µg/L	Y	J	J	N3B-2022-40	CAWR-22-234648	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.27	—	—	2	µg/L	Y	J	J	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	37.2	—	—	1	µg/L	Y	—	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	40.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	37.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	38.2	—	—	1	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234648	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	40.8	—	—	1	µg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	23	—	—	15	µg/L	Y	J	U	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	19.3	—	—	15	µg/L	Y	J	J	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	21.7	—	—	15	µg/L	Y	J	J	N3B-2022-40	CAWR-22-234648	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	21	—	—	15	µg/L	Y	J	J	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.2	—	—	0.05	mg/L	Y	—	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	21.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	21.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234648	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	21.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.98	1.57	6.58	—	pCi/L	Y	U	U	2018-459	CAWR-18-147320	GELC
Spring 4AA	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0495	0.961	3.54	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162080	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.08	1.31	3.49	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.18	1.38	4.77	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.323	1.19	3.77	—	pCi/L	Y	U	UJ	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.85	—	—	0.067	mg/L	Y	Q	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.9	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.45	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.26	—	—	0.067	mg/L	Y	—	J+	N3B-2022-40	CAWR-22-234648	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	7.38	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.464	1.46	5.78	—	pCi/L	Y	U	U	2018-459	CAWR-18-147320	GELC
Spring 4AA	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.38	1.12	4.79	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162080	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.37	1.51	3.34	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.27	1.49	4.2	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.231	0.906	3.63	—	pCi/L	Y	U	UJ	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/11/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.13	—	—	3.13	µg/L	Y	U	U	2018-426	CAWR-18-147412	GELC
Spring 4AA	—	10/03/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.41	—	—	3.41	µg/L	Y	U	U	N3B-2019-39	CAWR-19-162080	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	—	—	0.1	µg/L	Y	U	U	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	—	10/04/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	—	—	16.7	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.116	—	—	0.1	µg/L	Y	J	J	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3	—	—	3	µg/L	N	U	UJ	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.436	—	—	0.033	mg/L	Y	Q	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.479	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.549	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.341	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234648	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.435	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0919	0.701	2.96	—	pCi/L	Y	U	U	2018-459	CAWR-18-147320	GELC
Spring 4AA	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.694	0.804	2.96	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162080	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0701	0.622	2.8	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.12	0.762	2.53	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234647	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	-0.0229	0.53	2.51	—	pCi/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.04	0.623	2.04	—	pCi/L	Y	U	U	2018-459	CAWR-18-147320	GELC
Spring 4AA	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.73	0.836	2.37	—	pCi/L	Y	—	NQ	N3B-2019-76	CAWR-19-162080	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.817	0.778	2.67	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4AA	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.49	0.811	2.5	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234647	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	-0.0157	0.759	2.8	—	pCi/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	73.5	—	—	0.453	mg/L	Y	—	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	84	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	74.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	74.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234648	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	75.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.02	—	—	0.11	mg/L	Y	—	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.32	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.29	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	5.32	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234648	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	5.5	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.11	—	—	0.2	µg/L	Y	—	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.22	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.28	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	N	1.32	—	—	0.2	µg/L	Y	—	U	N3B-2022-40	CAWR-22-234648	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.36	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.97	3.07	11.2	—	pCi/L	Y	U	U	2018-459	CAWR-18-147320	GELC
Spring 4AA	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.128	1.88	6.98	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162080	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.657	1.87	6.76	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.965	2.1	7.61	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.21	1.98	7.04	—	pCi/L	Y	U	UJ	N3B-2023-70	CAWR-23-259177	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	—	—	0.085	mg/L	Y	Q	NQ	2018-459	CAWR-18-147298	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	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162079	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	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.01	—	—	0.085	mg/L	Y	—	J-	N3B-2022-40	CAWR-22-234648	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.894	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/12/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.646	—	—	0.05	µg/L	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.646	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.672	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/04/2021	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.651	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234648	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.547	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00473	0.0146	0.041	—	pCi/L	Y	U	U	2018-459	CAWR-18-147320	GELC
Spring 4AA	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0071	0.00785	0.041	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162080	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00269	0.0117	0.0471	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	—	10/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0029	0.00713	0.0533	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.075	0.0465	0.167	—	pCi/L	Y	U	UJ	N3B-2023-70	CAWR-23-259177	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	0.0531	—	pCi/L	Y	U	U	2018-459	CAWR-18-147320	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	0.0451	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162080	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	0.0508	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	—	10/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.000828	0.0076	0.053	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0499	0.0373	0.177	—	pCi/L	Y	U	UJ	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.16	—	—	0.05	mg/L	Y	—	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.02	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.77	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	1.89	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234648	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	1.91	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	16.9	26.7	62.5	—	pCi/L	Y	U	U	2018-459	CAWR-18-147320	GELC
Spring 4AA	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-10.7	14.7	54	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162080	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	3.56	15.3	37.6	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-64	21.5	33.9	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	16.2	20.1	24.9	—	pCi/L	Y	U	UJ	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	-0.0537	0.208	0.867	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.175	0.121	0.403	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234647	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.324	0.117	0.248	—	pCi/L	Y	—	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	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	—	10/04/2021	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.285	0.212	—	—	pCi/L	Y	—	UJ	N3B-2022-40	CAWR-22-234647	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.714	0.267	—	—	pCi/L	Y	J	UJ	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.104	0.119	0.42	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.11	0.174	0.615	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.39	0.239	0.773	—	pCi/L	Y	U	UJ	N3B-2023-70	CAWR-23-259177	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	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	Silicon Dioxide	SiO2	Y	62.1	—	—	0.053	mg/L	Y	—	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	66	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234648	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	66.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.8	—	—	0.1	mg/L	Y	—	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234648	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	12.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	3.9	1.77	8.22	—	pCi/L	Y	U	U	2018-459	CAWR-18-147320	GELC
Spring 4AA	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.66	0.923	4.28	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162080	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.45	1.14	3.84	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.891	0.987	3.55	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.05	1.2	3.65	—	pCi/L	Y	U	UJ	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	226	—	—	1	µS/cm	Y	Q	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	214	—	—	1	µS/cm	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	195	—	—	1	µS/cm	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	231	—	—	1	µS/cm	Y	—	NQ	N3B-2022-40	CAWR-22-234648	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	218	—	—	1	µS/cm	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	102	—	—	1	µg/L	Y	—	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	105	—	—	1	µg/L	Y	—	J+	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	102	—	—	1	µg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	99.8	—	—	1	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234648	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	109	—	—	1	µg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0942	0.0782	0.342	—	pCi/L	Y	U	U	2018-459	CAWR-18-147320	GELC
Spring 4AA	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.164	0.123	0.491	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162080	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0723	0.0709	0.246	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	—	10/04/2021	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0379	0.127	0.464	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234647	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0535	0.129	0.491	—	pCi/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.6	—	—	0.133	mg/L	Y	Q	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.7	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.26	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.36	—	—	0.133	mg/L	Y	—	J+	N3B-2022-40	CAWR-22-234648	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.23	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	179	—	—	3.4	mg/L	Y	Q	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	176	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	107	—	—	3.4	mg/L	Y	H	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	166	—	—	3.4	mg/L	Y	—	J	N3B-2022-40	CAWR-22-234648	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/11/2017	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0601	—	—	0.033	mg/L	Y	JQ	J	2018-459	CAWR-18-147320	GELC
Spring 4AA	—	10/03/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-76	CAWR-19-162080	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0714	—	—	0.033	mg/L	Y	J	J+	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	—	10/04/2021	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.152	—	—	0.033	mg/L	Y	—	U	N3B-2022-40	CAWR-22-234647	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.121	—	—	0.033	mg/L	Y	—	J-	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0209	—	—	0.02	mg/L	Y	JQ	J	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0723	—	—	0.02	mg/L	Y	—	U	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/04/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0207	—	—	0.02	mg/L	Y	J	U	N3B-2022-40	CAWR-22-234648	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.146	—	—	0.02	mg/L	Y	—	J	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/11/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.07	0.766	2.605	—	pCi/L	Y	U	U	2018-475	CAWR-18-147320	ARSL
Spring 4AA	—	10/03/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.448	0.932	2.751	—	pCi/L	Y	U	U	N3B-2019-89	CAWR-19-162080	ARSL
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.097	0.852	2.888	—	pCi/L	Y	U	U	N3B-2020-90	CAWR-20-188073	ARSL
Spring 4AA	—	10/04/2021	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.086	0.856	2.893	—	pCi/L	Y	U	UJ	N3B-2022-120	CAWR-22-234647	ARSL
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.341	0.927	2.768	—	pCi/L	Y	U	UJ	N3B-2023-136	CAWR-23-259177	ARSL
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.499	—	—	0.067	µg/L	Y	—	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.317	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.406	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.427	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234648	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.344	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.468	0.0316	0.043	—	pCi/L	Y	—	NQ	2018-459	CAWR-18-147320	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4AA	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.343	0.0328	0.0905	—	pCi/L	Y	—	NQ	N3B-2019-76	CAWR-19-162080	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.839	0.0461	0.0527	—	pCi/L	Y	—	NQ	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	—	10/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.556	0.0535	0.0798	—	pCi/L	Y	—	NQ	N3B-2022-40	CAWR-22-234647	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.458	0.0566	0.0823	—	pCi/L	Y	—	NQ	N3B-2023-70	CAWR-23-259177	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	0.0458	—	pCi/L	Y	U	U	2018-459	CAWR-18-147320	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	0.0877	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162080	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	0.039	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	—	10/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0137	0.0103	0.0627	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0255	0.017	0.0804	—	pCi/L	Y	U	U	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.238	0.0226	0.0416	—	pCi/L	Y	—	NQ	2018-459	CAWR-18-147320	GELC
Spring 4AA	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.208	0.0256	0.0893	—	pCi/L	Y	—	NQ	N3B-2019-76	CAWR-19-162080	GELC
Spring 4AA	—	10/01/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.414	0.0323	0.035	—	pCi/L	Y	—	NQ	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	—	10/04/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.307	0.037	0.0774	—	pCi/L	Y	—	NQ	N3B-2022-40	CAWR-22-234647	GELC
Spring 4AA	—	10/03/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.273	0.0395	0.0866	—	pCi/L	Y	—	NQ	N3B-2023-70	CAWR-23-259177	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.96	—	—	1	µg/L	Y	J	J	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	N	5.71	—	—	1	µg/L	Y	—	U	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.97	—	—	1	µg/L	Y	J	J	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	5.15	—	—	1	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234648	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	5.45	—	—	1	µg/L	Y	—	NQ	N3B-2023-70	CAWR-23-259178	GELC
Spring 4AA	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	3.59	—	—	3.3	µg/L	Y	J	J	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/01/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	5.18	—	—	3.3	µg/L	Y	J	U	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/04/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	N	4.85	—	—	3.3	µg/L	Y	J	U	N3B-2022-40	CAWR-22-234648	GELC
Spring 4AA	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	5.77	—	—	3.3	µg/L	Y	J	J	N3B-2023-70	CAWR-23-259178	GELC
Spring 4B	—	10/15/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.8	—	—	0.01	SU	Y	H	NQ	2016-65	CAWR-16-104448	GELC
Spring 4B	—	10/12/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.78	—	—	0.01	SU	Y	H	NQ	2017-140	CAWR-16-126358	GELC
Spring 4B	—	10/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.5	—	—	0.01	SU	Y	HQ	NQ	2018-460	CAWR-18-147299	GELC
Spring 4B	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.45	—	—	0.01	SU	Y	H	NQ	N3B-2019-76	CAWR-19-162082	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.83	—	—	0.01	SU	Y	H	J	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/15/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	94.4	—	—	0.725	mg/L	Y	—	NQ	2016-65	CAWR-16-104448	GELC
Spring 4B	—	10/12/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	101	—	—	1.45	mg/L	Y	—	NQ	2017-140	CAWR-16-126358	GELC
Spring 4B	—	10/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	101	—	—	1.45	mg/L	Y	Q	NQ	2018-460	CAWR-18-147299	GELC
Spring 4B	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	98	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162082	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	90	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/15/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.116	—	—	0.017	mg/L	Y	—	NQ	2016-65	CAWR-16-104448	GELC
Spring 4B	—	10/12/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.07	—	—	0.017	mg/L	Y	—	NQ	2017-140	CAWR-16-126358	GELC
Spring 4B	—	10/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	UQ	U	2018-460	CAWR-18-147299	GELC
Spring 4B	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0643	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162082	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0753	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/15/2015	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2016-65	CAWR-16-104448	GELC
Spring 4B	—	10/12/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.65	—	—	1.7	µg/L	Y	J	J	2017-140	CAWR-16-126358	GELC
Spring 4B	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.25	—	—	2	µg/L	Y	J	J	2018-460	CAWR-18-147299	GELC
Spring 4B	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	5.66	—	—	2	µg/L	Y	—	J	N3B-2019-76	CAWR-19-162082	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.42	—	—	2	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/15/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	49.5	—	—	1	µg/L	Y	—	NQ	2016-65	CAWR-16-104448	GELC
Spring 4B	—	10/12/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	47.6	—	—	1	µg/L	Y	—	NQ	2017-140	CAWR-16-126358	GELC
Spring 4B	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	45.7	—	—	1	µg/L	Y	—	NQ	2018-460	CAWR-18-147299	GELC
Spring 4B	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	52.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162082	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	51.6	—	—	1	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/15/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	20.7	—	—	15	µg/L	Y	J	J	2016-65	CAWR-16-104448	GELC
Spring 4B	—	10/12/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	17.5	—	—	15	µg/L	Y	J	J	2017-140	CAWR-16-126358	GELC
Spring 4B	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	2018-460	CAWR-18-147299	GELC
Spring 4B	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	19.7	—	—	15	µg/L	Y	J	U	N3B-2019-76	CAWR-19-162082	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	20.4	—	—	15	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/15/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	24.4	—	—	0.05	mg/L	Y	—	NQ	2016-65	CAWR-16-104448	GELC
Spring 4B	—	10/12/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	25.1	—	—	0.05	mg/L	Y	—	NQ	2017-140	CAWR-16-126358	GELC
Spring 4B	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.5	—	—	0.05	mg/L	Y	—	NQ	2018-460	CAWR-18-147299	GELC
Spring 4B	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	27.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162082	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	25.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/15/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.83	—	—	0.067	mg/L	Y	—	NQ	2016-65	CAWR-16-104448	GELC
Spring 4B	—	10/12/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.11	—	—	0.067	mg/L	Y	—	NQ	2017-140	CAWR-16-126358	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4B	—	10/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.88	—	—	0.067	mg/L	Y	Q	NQ	2018-460	CAWR-18-147299	GELC
Spring 4B	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	9.14	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162082	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	8.91	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/15/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.406	—	—	0.033	mg/L	Y	—	NQ	2016-65	CAWR-16-104448	GELC
Spring 4B	—	10/12/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.384	—	—	0.033	mg/L	Y	—	NQ	2017-140	CAWR-16-126358	GELC
Spring 4B	—	10/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.364	—	—	0.033	mg/L	Y	Q	NQ	2018-460	CAWR-18-147299	GELC
Spring 4B	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.467	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162082	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.497	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/15/2015	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	82.4	—	—	0.453	mg/L	Y	—	NQ	2016-65	CAWR-16-104448	GELC
Spring 4B	—	10/12/2016	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	85.3	—	—	0.453	mg/L	Y	—	NQ	2017-140	CAWR-16-126358	GELC
Spring 4B	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	79.1	—	—	0.453	mg/L	Y	—	NQ	2018-460	CAWR-18-147299	GELC
Spring 4B	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	95.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162082	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	85.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/15/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.22	—	—	0.11	mg/L	Y	—	NQ	2016-65	CAWR-16-104448	GELC
Spring 4B	—	10/12/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.47	—	—	0.11	mg/L	Y	—	NQ	2017-140	CAWR-16-126358	GELC
Spring 4B	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.95	—	—	0.11	mg/L	Y	—	NQ	2018-460	CAWR-18-147299	GELC
Spring 4B	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.59	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162082	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	5.58	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/15/2015	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.19	—	—	0.165	µg/L	Y	—	NQ	2016-65	CAWR-16-104448	GELC
Spring 4B	—	10/12/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.11	—	—	0.3	µg/L	Y	—	NQ	2017-140	CAWR-16-126358	GELC
Spring 4B	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.04	—	—	0.2	µg/L	Y	—	NQ	2018-460	CAWR-18-147299	GELC
Spring 4B	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.29	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162082	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.11	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/15/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.536	—	—	0.017	mg/L	Y	—	NQ	2016-65	CAWR-16-104448	GELC
Spring 4B	—	10/12/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.481	—	—	0.017	mg/L	Y	—	NQ	2017-140	CAWR-16-126358	GELC
Spring 4B	—	10/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.72	—	—	0.085	mg/L	Y	Q	NQ	2018-460	CAWR-18-147299	GELC
Spring 4B	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.239	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162082	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.765	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	09/30/2014	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.56	—	—	0.05	µg/L	Y	—	NQ	2015-20	CAWR-14-86977	GELC
Spring 4B	—	10/15/2015	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.537	—	—	0.05	µg/L	Y	—	NQ	2016-65	CAWR-16-104448	GELC
Spring 4B	—	10/12/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.481	—	—	0.05	µg/L	Y	—	NQ	2017-140	CAWR-16-126358	GELC
Spring 4B	—	10/03/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.358	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162082	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.422	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/15/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.55	—	—	0.05	mg/L	Y	—	NQ	2016-65	CAWR-16-104448	GELC
Spring 4B	—	10/12/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.55	—	—	0.05	mg/L	Y	—	NQ	2017-140	CAWR-16-126358	GELC
Spring 4B	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.41	—	—	0.05	mg/L	Y	—	NQ	2018-460	CAWR-18-147299	GELC
Spring 4B	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.78	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162082	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.68	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/15/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	55.6	—	—	0.053	mg/L	Y	—	NQ	2016-65	CAWR-16-104448	GELC
Spring 4B	—	10/12/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	54.5	—	—	0.053	mg/L	Y	—	NQ	2017-140	CAWR-16-126358	GELC
Spring 4B	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	48.9	—	—	0.053	mg/L	Y	—	NQ	2018-460	CAWR-18-147299	GELC
Spring 4B	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	58.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162082	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	55.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/15/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	14.3	—	—	0.1	mg/L	Y	—	NQ	2016-65	CAWR-16-104448	GELC
Spring 4B	—	10/12/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.8	—	—	0.1	mg/L	Y	—	NQ	2017-140	CAWR-16-126358	GELC
Spring 4B	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	2018-460	CAWR-18-147299	GELC
Spring 4B	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162082	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	13.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/15/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	230	—	—	3.63	µS/cm	Y	—	NQ	2016-65	CAWR-16-104448	GELC
Spring 4B	—	10/12/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	242	—	—	1	µS/cm	Y	—	NQ	2017-140	CAWR-16-126358	GELC
Spring 4B	—	10/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	258	—	—	1	µS/cm	Y	Q	NQ	2018-460	CAWR-18-147299	GELC
Spring 4B	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	240	—	—	1	µS/cm	Y	—	NQ	N3B-2019-76	CAWR-19-162082	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	226	—	—	1	µS/cm	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/15/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	156	—	—	1	µg/L	Y	—	NQ	2016-65	CAWR-16-104448	GELC
Spring 4B	—	10/12/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	156	—	—	1	µg/L	Y	—	NQ	2017-140	CAWR-16-126358	GELC
Spring 4B	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	136	—	—	1	µg/L	Y	—	NQ	2018-460	CAWR-18-147299	GELC
Spring 4B	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	148	—	—	1	µg/L	Y	—	J+	N3B-2019-76	CAWR-19-162082	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	154	—	—	1	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/15/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.1	—	—	0.133	mg/L	Y	—	NQ	2016-65	CAWR-16-104448	GELC
Spring 4B	—	10/12/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.5	—	—	0.133	mg/L	Y	—	NQ	2017-140	CAWR-16-126358	GELC
Spring 4B	—	10/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.7	—	—	0.133	mg/L	Y	Q	NQ	2018-460	CAWR-18-147299	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 4B	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.4	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162082	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.74	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/15/2015	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	1	—	—	0.3	µg/L	Y	UH	UJ	2016-65	CAWR-16-104430	GELC
Spring 4B	—	10/12/2016	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	0.31	—	—	0.3	µg/L	Y	J	J	2017-116	CAWR-16-126332	GELC
Spring 4B	—	10/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	—	—	0.3	µg/L	Y	U	U	2018-426	CAWR-18-147413	GELC
Spring 4B	—	10/03/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	Y	0.38	—	—	0.3	µg/L	Y	J	J	N3B-2019-39	CAWR-19-162083	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	Y	9.37	—	—	0.333	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/15/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	261	—	—	3.4	mg/L	Y	—	NQ	2016-65	CAWR-16-104448	GELC
Spring 4B	—	10/12/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	180	—	—	3.4	mg/L	Y	—	NQ	2017-140	CAWR-16-126358	GELC
Spring 4B	—	10/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	161	—	—	3.4	mg/L	Y	Q	NQ	2018-460	CAWR-18-147299	GELC
Spring 4B	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	193	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162082	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	168	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/15/2015	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.921	—	—	0.33	mg/L	Y	J	J	2016-65	CAWR-16-104430	GELC
Spring 4B	—	10/12/2016	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.625	—	—	0.33	mg/L	Y	J	J	2017-140	CAWR-16-126332	GELC
Spring 4B	—	10/11/2017	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.776	—	—	0.33	mg/L	Y	JQ	J	2018-459	CAWR-18-147321	GELC
Spring 4B	—	10/03/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.625	—	—	0.33	mg/L	Y	J	J	N3B-2019-76	CAWR-19-162083	GELC
Spring 4B	—	10/03/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.69	—	—	0.33	mg/L	Y	J	J	N3B-2023-73	CAWR-23-259181	GELC
Spring 4B	—	10/15/2015	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0442	—	—	0.017	mg/L	Y	J	U	2016-65	CAWR-16-104448	GELC
Spring 4B	—	10/12/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0255	—	—	0.02	mg/L	Y	J	J	2017-140	CAWR-16-126358	GELC
Spring 4B	—	10/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0271	—	—	0.02	mg/L	Y	JQ	J	2018-460	CAWR-18-147299	GELC
Spring 4B	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.039	—	—	0.02	mg/L	Y	J	U	N3B-2019-76	CAWR-19-162082	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0943	—	—	0.02	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/15/2015	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.21	—	—	0.067	µg/L	Y	—	NQ	2016-65	CAWR-16-104448	GELC
Spring 4B	—	10/12/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.23	—	—	0.067	µg/L	Y	—	NQ	2017-140	CAWR-16-126358	GELC
Spring 4B	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.971	—	—	0.067	µg/L	Y	—	NQ	2018-460	CAWR-18-147299	GELC
Spring 4B	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.978	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162082	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.23	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/15/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.26	—	—	1	µg/L	Y	—	NQ	2016-65	CAWR-16-104448	GELC
Spring 4B	—	10/12/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	8.37	—	—	1	µg/L	Y	—	NQ	2017-140	CAWR-16-126358	GELC
Spring 4B	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.98	—	—	1	µg/L	Y	—	NQ	2018-460	CAWR-18-147299	GELC
Spring 4B	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	N	7.28	—	—	1	µg/L	Y	—	U	N3B-2019-76	CAWR-19-162082	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	7.98	—	—	1	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259182	GELC
Spring 4B	—	10/15/2015	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2016-65	CAWR-16-104448	GELC
Spring 4B	—	10/12/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-140	CAWR-16-126358	GELC
Spring 4B	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2018-460	CAWR-18-147299	GELC
Spring 4B	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-76	CAWR-19-162082	GELC
Spring 4B	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	6.03	—	—	3.3	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259182	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	—	—	0.01	SU	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	—	—	0.01	SU	Y	HQ	NQ	2018-460	CAWR-18-147387	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	—	—	0.01	SU	Y	H	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	—	0.01	SU	Y	H	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.85	—	—	0.01	SU	Y	H	J	N3B-2022-42	CAWR-22-234652	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.05	—	—	0.01	SU	Y	H	J	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	95.2	—	—	1.45	mg/L	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	—	—	1.45	mg/L	Y	Q	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234652	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00852	0.00852	0.0373	—	pCi/L	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	0.0368	—	pCi/L	Y	U	U	2018-460	CAWR-18-147425	GELC
Spring 5	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00734	0.00882	0.0584	—	pCi/L	Y	U	U	N3B-2019-69	CAWR-19-162086	GELC
Spring 5	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0215	0.0108	0.0364	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	—	10/05/2021	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0388	0.0167	0.131	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0245	0.0152	0.0562	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0176	—	—	0.017	mg/L	Y	JQ	U	2018-460	CAWR-18-147300	GELC
Spring 5	—	10/11/2017	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0203	—	—	0.017	mg/L	Y	JQ	U	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0298	—	—	0.017	mg/L	Y	J	J	N3B-2022-42	CAWR-22-234652	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0267	—	—	0.017	mg/L	Y	J	J-	N3B-2023-73	CAWR-23-259186	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 5	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.22	—	—	2	µg/L	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	—	—	2	µg/L	Y	J	J	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.75	—	—	2	µg/L	Y	J	J	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.8	—	—	2	µg/L	Y	J	J	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.17	—	—	2	µg/L	Y	J	J	N3B-2022-42	CAWR-22-234652	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.34	—	—	2	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	25.7	—	—	1	µg/L	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	—	—	1	µg/L	Y	—	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	26.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	26.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	26.3	—	—	1	µg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234652	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	28.4	—	—	1	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	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	—	—	15	µg/L	Y	U	U	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18.2	—	—	15	µg/L	Y	J	J	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	20	—	—	15	µg/L	Y	J	J	N3B-2022-42	CAWR-22-234652	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	18	—	—	15	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.4	—	—	0.05	mg/L	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	—	—	0.05	mg/L	Y	—	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	18	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234652	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	17.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.2	1.14	3.8	—	pCi/L	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	4.19	—	pCi/L	Y	U	U	2018-460	CAWR-18-147425	GELC
Spring 5	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.28	0.694	2.47	—	pCi/L	Y	U	U	N3B-2019-69	CAWR-19-162086	GELC
Spring 5	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.659	1.14	4.5	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	—	10/05/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.38	1.63	5.09	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0336	1.52	5.5	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.24	—	—	0.067	mg/L	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	—	—	0.067	mg/L	Y	Q	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.15	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.37	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.34	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234652	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.86	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.35	—	—	3	µg/L	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	—	—	3	µg/L	Y	J	J	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.77	—	—	3	µg/L	Y	J	J	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.49	—	—	3	µg/L	Y	J	J	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.77	—	—	3	µg/L	Y	J	J	N3B-2022-42	CAWR-22-234652	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.5	—	—	3	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.119	1.25	4.43	—	pCi/L	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	4.82	—	pCi/L	Y	U	U	2018-460	CAWR-18-147425	GELC
Spring 5	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.188	0.664	2.54	—	pCi/L	Y	U	U	N3B-2019-69	CAWR-19-162086	GELC
Spring 5	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.4	0.962	3.22	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	—	10/05/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.882	1.55	5.38	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.356	1.78	6.83	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.356	—	—	0.033	mg/L	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	—	—	0.033	mg/L	Y	Q	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.408	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.562	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.266	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234652	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.606	—	—	0.033	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.28	0.854	2.83	—	pCi/L	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	2.95	—	pCi/L	Y	U	U	2018-460	CAWR-18-147425	GELC
Spring 5	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.65	1.05	2.96	—	pCi/L	Y	U	U	N3B-2019-69	CAWR-19-162086	GELC
Spring 5	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.29	0.99	2.87	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	—	10/05/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.62	0.832	2.53	—	pCi/L	Y	U	UJ	N3B-2022-42	CAWR-22-234651	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.58	0.794	2.35	—	pCi/L	Y	U	UJ	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.36	0.729	2.06	—	pCi/L	Y	—	NQ	2018-460	CAWR-18-147322	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 5	—	10/11/2017	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	0.346	0.646	2.33	—	pCi/L	Y	U	U	2018-460	CAWR-18-147425	GELC
Spring 5	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.87	0.678	1.94	—	pCi/L	Y	—	NQ	N3B-2019-69	CAWR-19-162086	GELC
Spring 5	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.4	0.96	2.83	—	pCi/L	Y	—	NQ	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	—	10/05/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.15	1.06	2.9	—	pCi/L	Y	—	NQ	N3B-2022-42	CAWR-22-234651	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	1.21	0.862	2.88	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	61.3	—	—	0.453	mg/L	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	—	—	0.453	mg/L	Y	—	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	63.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234652	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.32	—	—	0.11	mg/L	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	—	—	0.11	mg/L	Y	—	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.62	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.64	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	4.79	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234652	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	4.79	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.922	—	—	0.2	µg/L	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	—	—	0.2	µg/L	Y	—	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.905	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.956	—	—	0.2	µg/L	Y	J	J	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.956	—	—	0.2	µg/L	Y	J	J	N3B-2022-42	CAWR-22-234652	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.926	—	—	0.2	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.205	2.48	8.43	—	pCi/L	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	9.01	—	pCi/L	Y	U	U	2018-460	CAWR-18-147425	GELC
Spring 5	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.591	1.62	5.26	—	pCi/L	Y	U	U	N3B-2019-69	CAWR-19-162086	GELC
Spring 5	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.222	2.29	8.61	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	—	10/05/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.253	2.25	8.31	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.94	2.22	7.75	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259185	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	—	—	0.085	mg/L	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	—	—	0.085	mg/L	Y	Q	NQ	2018-460	CAWR-18-147387	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	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162085	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	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.794	—	—	0.017	mg/L	Y	—	J-	N3B-2022-42	CAWR-22-234652	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.756	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/12/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.415	—	—	0.05	µg/L	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.41	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.411	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/05/2021	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234652	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.359	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00857	0.0109	0.0371	—	pCi/L	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	0.0366	—	pCi/L	Y	U	U	2018-460	CAWR-18-147425	GELC
Spring 5	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00218	0.00655	0.0378	—	pCi/L	Y	U	U	N3B-2019-69	CAWR-19-162086	GELC
Spring 5	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0136	0.00979	0.0475	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	—	10/05/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.000401	0.00858	0.0688	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0124	0.011	0.0832	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259185	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	0.0481	—	pCi/L	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	0.0474	—	pCi/L	Y	U	U	2018-460	CAWR-18-147425	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	0.0416	—	pCi/L	Y	U	U	N3B-2019-69	CAWR-19-162086	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	0.0513	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	—	10/05/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00681	0.00953	0.0685	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0124	0.0199	0.0879	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.01	—	—	0.05	mg/L	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	—	—	0.05	mg/L	Y	—	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.91	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.02	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	1.93	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234652	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.01	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-44.5	17.5	56.3	—	pCi/L	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	38.4	—	pCi/L	Y	U	U	2018-460	CAWR-18-147425	GELC
Spring 5	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	8.68	10.7	20.6	—	pCi/L	Y	U	U	N3B-2019-69	CAWR-19-162086	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 5	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-0.318	16.5	66.8	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	—	10/05/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-45.9	21.2	64.6	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	6.79	22.8	79.4	—	pCi/L	Y	U	UJ	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.157	0.228	0.844	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	—	10/05/2021	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.245	0.128	0.391	—	pCi/L	Y	U	UJ	N3B-2022-42	CAWR-22-234651	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.558	0.159	0.267	—	pCi/L	Y	—	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/02/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	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	—	10/05/2021	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.572	0.238	—	—	pCi/L	Y	—	UJ	N3B-2022-42	CAWR-22-234651	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.596	0.257	—	—	pCi/L	Y	J	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0713	0.169	0.606	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	—	10/05/2021	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.327	0.201	0.65	—	pCi/L	Y	U	UJ	N3B-2022-42	CAWR-22-234651	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0384	0.201	0.729	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	61.3	—	—	0.053	mg/L	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	—	—	0.053	mg/L	Y	—	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	66.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234652	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	68.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.2	—	—	0.1	mg/L	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	—	—	0.1	mg/L	Y	—	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	11.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234652	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.86	1.24	5.5	—	pCi/L	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	5.05	—	pCi/L	Y	U	U	2018-460	CAWR-18-147425	GELC
Spring 5	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.21	0.747	3.18	—	pCi/L	Y	U	U	N3B-2019-69	CAWR-19-162086	GELC
Spring 5	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.283	1.17	4.66	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	—	10/05/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.09	1.12	4.9	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.58	1.38	4.46	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	195	—	—	1	µS/cm	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	—	—	1	µS/cm	Y	Q	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	183	—	—	1	µS/cm	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	162	—	—	1	µS/cm	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	188	—	—	1	µS/cm	Y	—	NQ	N3B-2022-42	CAWR-22-234652	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	176	—	—	1	µS/cm	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	86	—	—	1	µg/L	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	—	—	1	µg/L	Y	—	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	85.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	86.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	86.2	—	—	1	µg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234652	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	92.5	—	—	1	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0955	0.0994	0.377	—	pCi/L	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	0.397	—	pCi/L	Y	U	U	2018-460	CAWR-18-147425	GELC
Spring 5	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0217	0.126	0.478	—	pCi/L	Y	U	U	N3B-2019-69	CAWR-19-162086	GELC
Spring 5	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0606	0.0605	0.213	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	—	10/05/2021	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.143	0.105	0.446	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0265	0.139	0.493	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.08	—	—	0.133	mg/L	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	—	—	0.133	mg/L	Y	Q	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.17	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.08	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.94	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234652	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.89	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	153	—	—	3.4	mg/L	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	—	—	3.4	mg/L	Y	Q	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	221	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	157	—	—	3.4	mg/L	Y	—	J	N3B-2022-42	CAWR-22-234652	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	135	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0329	—	—	0.02	mg/L	Y	JQ	J	2018-460	CAWR-18-147300	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 5	—	10/11/2017	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0363	—	—	0.02	mg/L	Y	JQ	J	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.022	—	—	0.02	mg/L	Y	J	U	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0959	—	—	0.02	mg/L	Y	—	U	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0291	—	—	0.02	mg/L	Y	J	U	N3B-2022-42	CAWR-22-234652	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.151	—	—	0.02	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.619	0.747	2.56	—	pCi/L	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	2.342	—	pCi/L	Y	U	U	2018-475	CAWR-18-147425	ARSL
Spring 5	—	10/03/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.898	0.908	2.803	—	pCi/L	Y	U	U	N3B-2019-89	CAWR-19-162086	ARSL
Spring 5	—	10/02/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.06	0.839	2.853	—	pCi/L	Y	U	U	N3B-2020-89	CAWR-20-188075	ARSL
Spring 5	—	10/05/2021	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.283	0.856	2.883	—	pCi/L	Y	U	UJ	N3B-2022-120	CAWR-22-234651	ARSL
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	78.933	11.987	3.198	—	pCi/L	Y	—	J	N3B-2023-136	CAWR-23-259185	ARSL
Spring 5	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.507	—	—	0.067	µg/L	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	—	—	0.067	µg/L	Y	—	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.583	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.552	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.576	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234652	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.548	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.39	0.0331	0.0537	—	pCi/L	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	0.0426	—	pCi/L	Y	—	NQ	2018-460	CAWR-18-147425	GELC
Spring 5	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.428	0.0488	0.149	—	pCi/L	Y	—	NQ	N3B-2019-69	CAWR-19-162086	GELC
Spring 5	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.876	0.0492	0.0564	—	pCi/L	Y	—	NQ	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	—	10/05/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.336	0.0393	0.072	—	pCi/L	Y	—	NQ	N3B-2022-42	CAWR-22-234651	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.369	0.0552	0.111	—	pCi/L	Y	—	J	N3B-2023-73	CAWR-23-259185	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	0.0571	—	pCi/L	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	0.0453	—	pCi/L	Y	U	U	2018-460	CAWR-18-147425	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	0.145	—	pCi/L	Y	U	U	N3B-2019-69	CAWR-19-162086	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	0.0418	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	—	10/05/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0214	0.0144	0.0566	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0206	0.0154	0.108	—	pCi/L	Y	U	UJ	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.185	0.0234	0.0519	—	pCi/L	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	0.0412	—	pCi/L	Y	—	NQ	2018-460	CAWR-18-147425	GELC
Spring 5	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.302	0.0404	0.147	—	pCi/L	Y	—	NQ	N3B-2019-69	CAWR-19-162086	GELC
Spring 5	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.446	0.0345	0.0375	—	pCi/L	Y	—	NQ	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	—	10/05/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.192	0.0295	0.0699	—	pCi/L	Y	—	NQ	N3B-2022-42	CAWR-22-234651	GELC
Spring 5	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.183	0.0404	0.116	—	pCi/L	Y	—	J	N3B-2023-73	CAWR-23-259185	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	9.54	—	—	1	µg/L	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	—	—	1	µg/L	Y	—	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	10.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	9.85	—	—	1	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	9.62	—	—	1	µg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234652	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	10.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259186	GELC
Spring 5	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2018-460	CAWR-18-147300	GELC
Spring 5	—	10/11/2017	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	4.47	—	—	3.3	µg/L	Y	J	U	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	4.86	—	—	3.3	µg/L	Y	J	J	N3B-2022-42	CAWR-22-234652	GELC
Spring 5	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Zinc	Zn	Y	4.69	—	—	3.3	µg/L	Y	J	J	N3B-2023-73	CAWR-23-259186	GELC
Spring 5B	—	10/12/2016	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	1.5	µg/L	Y	U	U	2017-142	CAWR-16-126335	GELC
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2019-39	CAWR-19-162092	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	3.07	—	—	1.5	µg/L	Y	J	U	N3B-2020-23	CAWR-20-188077	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	3.05	—	—	1.74	µg/L	Y	J	J	N3B-2022-41	CAWR-22-234653	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	FD	VOC	SW-846:8260D	Acetone	67-64-1	Y	3.2	—	—	1.74	µg/L	Y	J	J	N3B-2022-41	CAWR-22-234709	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	2.63	—	—	1.74	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	—	—	1.74	µg/L	Y	U	U	N3B-2023-72	CAWR-23-259194	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	—	—	0.01	SU	Y	H	NQ	2017-142	CAWR-16-126361	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	—	—	0.01	SU	Y	H	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.17	—	—	0.01	SU	Y	H	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.26	—	—	0.01	SU	Y	H	J	N3B-2022-41	CAWR-22-234654	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.28	—	—	0.01	SU	Y	H	J	N3B-2022-41	CAWR-22-234710	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	0.01	SU	Y	H	J	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8	—	—	0.01	SU	Y	H	J	N3B-2023-72	CAWR-23-259195	GELC

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Location ID	Screen Depth	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 5B	—	10/12/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75	—	—	1.45	mg/L	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234654	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234710	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/12/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0114	0.011	0.056	—	pCi/L	Y	U	U	2017-142	CAWR-16-126335	GELC
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.005	0.00866	0.0597	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162092	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00279	0.00924	0.0377	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00556	0.0167	0.169	—	pCi/L	Y	U	UJ	N3B-2022-41	CAWR-22-234653	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0867	0.0216	0.12	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0311	0.0247	0.0713	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0275	0.0131	0.0738	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0422	—	—	0.017	mg/L	Y	J	J	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0384	—	—	0.017	mg/L	Y	J	J	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0247	—	—	0.017	mg/L	Y	J	U	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0225	—	—	0.017	mg/L	Y	J	J	N3B-2022-41	CAWR-22-234654	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0228	—	—	0.017	mg/L	Y	J	J	N3B-2022-41	CAWR-22-234710	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0563	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0683	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.97	—	—	1.7	µg/L	Y	J	J	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	4.58	—	—	2	µg/L	Y	J	J	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.74	—	—	2	µg/L	Y	J	J	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.32	—	—	2	µg/L	Y	J	J	N3B-2022-41	CAWR-22-234654	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.26	—	—	2	µg/L	Y	J	J	N3B-2022-41	CAWR-22-234710	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.09	—	—	2	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	Y	3.04	—	—	2	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	32.5	—	—	1	µg/L	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	31.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	30.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	32.3	—	—	1	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234654	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Barium	Ba	Y	31.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234710	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	30	—	—	1	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Barium	Ba	Y	30.9	—	—	1	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.9	—	—	15	µg/L	Y	J	J	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	16.7	—	—	15	µg/L	Y	J	J	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	19	—	—	15	µg/L	Y	J	J	N3B-2022-41	CAWR-22-234654	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Boron	B	Y	18.6	—	—	15	µg/L	Y	J	J	N3B-2022-41	CAWR-22-234710	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Boron	B	Y	19.9	—	—	15	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Boron	B	Y	17.6	—	—	15	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.8	—	—	0.05	mg/L	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	17	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234654	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Calcium	Ca	Y	16.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234710	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	14.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Calcium	Ca	Y	14.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.04	1	4.23	—	pCi/L	Y	U	U	2017-142	CAWR-16-126335	GELC
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.402	0.83	3.15	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162092	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.163	1.28	4.92	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.62	1.28	3.94	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.79	1.09	3.05	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.373	2.24	3.4	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.12	1.85	7.32	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.09	—	—	0.067	mg/L	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.07	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.19	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.11	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234654	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.11	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234710	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 5B	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.16	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.41	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.77	—	—	3	µg/L	Y	J	J	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.89	—	—	3	µg/L	Y	J	J	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.78	—	—	3	µg/L	Y	J	J	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.72	—	—	3	µg/L	Y	J	J	N3B-2022-41	CAWR-22-234654	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.56	—	—	3	µg/L	Y	J	J	N3B-2022-41	CAWR-22-234710	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.14	—	—	3	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.13	—	—	3	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.627	1.03	4.23	—	pCi/L	Y	U	U	2017-142	CAWR-16-126335	GELC
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	4.67	1.65	4.08	—	pCi/L	Y	UI	U	N3B-2019-75	CAWR-19-162092	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.5	1.34	3.85	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.2	1.25	5.3	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.54	1.16	5.1	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.364	0.92	3.94	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.296	1.72	6.83	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.387	—	—	0.033	mg/L	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.42	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.605	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.317	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234654	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.306	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234710	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.519	—	—	0.033	mg/L	Y	—	J	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.643	—	—	0.033	mg/L	Y	—	J	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	9.68	1.43	2.9	—	pCi/L	Y	—	NQ	2017-142	CAWR-16-126335	GELC
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	4.86	1.36	2.8	—	pCi/L	Y	—	NQ	N3B-2019-75	CAWR-19-162092	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.31	0.982	2.9	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.158	0.484	2.51	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.634	0.304	2.42	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.278	0.61	2.51	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.31	0.888	2.97	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	7	1.07	2.25	—	pCi/L	Y	—	NQ	2017-142	CAWR-16-126335	GELC
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	13.2	1.05	2.2	—	pCi/L	Y	—	NQ	N3B-2019-75	CAWR-19-162092	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.1	0.877	2.95	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.85	1.18	2.97	—	pCi/L	Y	—	NQ	N3B-2022-41	CAWR-22-234653	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	2.1	0.711	2.05	—	pCi/L	Y	—	NQ	N3B-2022-41	CAWR-22-234709	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	1.57	0.87	2.84	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	EPA:900.0	Gross beta	GROSSB	Y	4.1	0.987	2.74	—	pCi/L	Y	—	NQ	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	55	—	—	0.453	mg/L	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	57.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	56.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	59.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234654	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	57.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234710	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	51.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	52.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.78	—	—	0.11	mg/L	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.92	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.86	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234654	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	4.03	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234710	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.62	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.67	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234654	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234710	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Manganese	Mn	Y	3.68	—	—	2	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Manganese	Mn	Y	4.47	—	—	2	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.03	—	—	0.3	µg/L	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.07	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.07	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 5B	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	N	1.43	—	—	0.2	µg/L	Y	—	U	N3B-2022-41	CAWR-22-234654	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	N	1.02	—	—	0.2	µg/L	Y	—	U	N3B-2022-41	CAWR-22-234710	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.02	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.995	—	—	0.2	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.822	2.14	7.24	—	pCi/L	Y	U	U	2017-142	CAWR-16-126335	GELC
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.454	1.65	6.15	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162092	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.846	2.47	9.23	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.15	2.09	8.05	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.12	2.29	8.6	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.308	2.08	7.74	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.283	2.61	10	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259194	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	—	—	0.017	mg/L	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.695	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162091	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	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.658	—	—	0.017	mg/L	Y	—	J-	N3B-2022-41	CAWR-22-234654	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.661	—	—	0.017	mg/L	Y	—	J-	N3B-2022-41	CAWR-22-234710	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.525	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.511	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.363	—	—	0.05	µg/L	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.381	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.34	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.354	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234654	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.356	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234710	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.286	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.291	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/12/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0071	0.00784	0.047	—	pCi/L	Y	U	U	2017-142	CAWR-16-126335	GELC
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00269	0.0104	0.0466	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162092	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0222	0.00762	0.0385	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00412	0.00862	0.0643	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0155	0.0985	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00632	0.0109	0.0634	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0164	0.0164	0.0822	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259194	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	0.0543	—	pCi/L	Y	U	U	2017-142	CAWR-16-126335	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	0.0513	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162092	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	0.0416	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.000374	0.00801	0.0639	—	pCi/L	Y	U	UJ	N3B-2022-41	CAWR-22-234653	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0179	0.0219	0.0979	—	pCi/L	Y	U	UJ	N3B-2022-41	CAWR-22-234709	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0158	0.0122	0.067	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0287	0.0169	0.0869	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.91	—	—	0.05	mg/L	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.04	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.99	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	2.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234654	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Potassium	K	Y	2.06	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234710	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	1.97	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Potassium	K	Y	1.98	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	51.3	21.5	39.9	—	pCi/L	Y	UI	R	2017-142	CAWR-16-126335	GELC
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-7.82	12.2	44.3	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162092	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-10.7	17.5	67	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	22	16	52.3	—	pCi/L	Y	U	UJ	N3B-2022-41	CAWR-22-234653	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	12.6	18.3	73.5	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-11.6	18.4	65	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	12.7	19.4	85.7	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0	0.169	0.718	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.488	0.137	0.26	—	pCi/L	Y	—	NQ	N3B-2022-41	CAWR-22-234653	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.382	0.115	0.244	—	pCi/L	Y	—	NQ	N3B-2022-41	CAWR-22-234709	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.112	0.113	0.414	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.157	0.115	0.385	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	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	—	10/05/2021	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	1.05	0.294	—	—	pCi/L	Y	—	NQ	N3B-2022-41	CAWR-22-234653	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	FD	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.382	0.241	—	—	pCi/L	Y	—	NQ	N3B-2022-41	CAWR-22-234709	GELC

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Location ID	Screen Depth	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.208	0.23	—	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.182	0.242	—	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.139	0.231	0.809	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.566	0.26	0.797	—	pCi/L	Y	U	UJ	N3B-2022-41	CAWR-22-234653	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	-0.143	0.212	0.782	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0958	0.201	0.719	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.0254	0.213	0.768	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	60.3	—	—	0.053	mg/L	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	65	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234654	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	63.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234710	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	58.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	58.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	12.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234654	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Sodium	Na	Y	11.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234710	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.128	0.941	3.76	—	pCi/L	Y	U	U	2017-142	CAWR-16-126335	GELC
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.66	1.23	2.84	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162092	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.502	1.13	4.85	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.927	1.18	4.13	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.41	1.11	3.59	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.61	1.27	5.3	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.376	1.75	7.26	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	168	—	—	1	µS/cm	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	168	—	—	1	µS/cm	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	146	—	—	1	µS/cm	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	176	—	—	1	µS/cm	Y	—	NQ	N3B-2022-41	CAWR-22-234654	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	178	—	—	1	µS/cm	Y	—	NQ	N3B-2022-41	CAWR-22-234710	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	161	—	—	1	µS/cm	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	162	—	—	1	µS/cm	Y	—	NQ	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	94.2	—	—	1	µg/L	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	89.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	88.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	92.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234654	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Strontium	Sr	Y	89.7	—	—	1	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234710	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	86	—	—	1	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Strontium	Sr	Y	86.6	—	—	1	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/12/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.16	0.128	0.48	—	pCi/L	Y	U	U	2017-142	CAWR-16-126335	GELC
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.107	0.125	0.478	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162092	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.159	0.0737	0.262	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.261	0.143	0.46	—	pCi/L	Y	U	UJ	N3B-2022-41	CAWR-22-234653	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.714	0.104	0.41	—	pCi/L	Y	U	UJ	N3B-2022-41	CAWR-22-234709	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.127	0.137	0.476	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.346	0.154	0.49	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.76	—	—	0.133	mg/L	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.61	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.74	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.61	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234654	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.58	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234710	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.51	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.49	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	3.4	mg/L	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	151	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	—	3.4	mg/L	Y	—	J	N3B-2022-41	CAWR-22-234654	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	156	—	—	3.4	mg/L	Y	—	J	N3B-2022-41	CAWR-22-234710	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 5B	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	120	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	123	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/12/2016	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0594	—	—	0.033	mg/L	Y	J	J	2017-142	CAWR-16-126335	GELC
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-75	CAWR-19-162092	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0926	—	—	0.033	mg/L	Y	J	J+	N3B-2022-41	CAWR-22-234709	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0519	—	—	0.033	mg/L	Y	J	J-	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0366	—	—	0.033	mg/L	Y	J	J-	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0425	—	—	0.02	mg/L	Y	J	J	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0233	—	—	0.02	mg/L	Y	J	U	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0238	—	—	0.02	mg/L	Y	J	U	N3B-2022-41	CAWR-22-234654	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0372	—	—	0.02	mg/L	Y	J	U	N3B-2022-41	CAWR-22-234710	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0978	—	—	0.02	mg/L	Y	—	J	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.125	—	—	0.02	mg/L	Y	—	J	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/12/2016	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.76	0.959	3.012	—	pCi/L	Y	U	U	2017-166	CAWR-16-126335	ARSL
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.184	0.813	2.616	—	pCi/L	Y	U	U	N3B-2019-89	CAWR-19-162092	ARSL
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.457	0.833	2.792	—	pCi/L	Y	U	U	N3B-2020-90	CAWR-20-188077	ARSL
Spring 5B	—	10/05/2021	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.008	0.839	2.838	—	pCi/L	Y	U	UJ	N3B-2022-120	CAWR-22-234653	ARSL
Spring 5B	—	10/05/2021	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.705	0.89	2.967	—	pCi/L	Y	U	UJ	N3B-2022-120	CAWR-22-234709	ARSL
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.623	0.844	2.639	—	pCi/L	Y	U	UJ	N3B-2023-136	CAWR-23-259190	ARSL
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.748	0.876	2.726	—	pCi/L	Y	U	UJ	N3B-2023-136	CAWR-23-259194	ARSL
Spring 5B	—	10/12/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.741	—	—	0.067	µg/L	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.715	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.705	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.722	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234654	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	0.697	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234710	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.647	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	0.645	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259195	GELC
Spring 5B	—	10/12/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.506	0.0438	0.209	—	pCi/L	Y	—	NQ	2017-142	CAWR-16-126335	GELC
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.467	0.0484	0.139	—	pCi/L	Y	—	NQ	N3B-2019-75	CAWR-19-162092	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.412	0.0342	0.0568	—	pCi/L	Y	—	NQ	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.473	0.0454	0.0684	—	pCi/L	Y	—	NQ	N3B-2022-41	CAWR-22-234653	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.489	0.0501	0.0805	—	pCi/L	Y	—	NQ	N3B-2022-41	CAWR-22-234709	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.441	0.0461	0.0577	—	pCi/L	Y	—	NQ	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.436	0.0464	0.0598	—	pCi/L	Y	—	NQ	N3B-2023-72	CAWR-23-259194	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	0.108	—	pCi/L	Y	U	U	2017-142	CAWR-16-126335	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	0.135	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162092	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	0.0421	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0332	0.0125	0.0537	—	pCi/L	Y	U	UJ	N3B-2022-41	CAWR-22-234653	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0168	0.00992	0.0632	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00716	0.0113	0.0564	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0149	0.0139	0.0584	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/12/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.205	0.028	0.14	—	pCi/L	Y	—	NQ	2017-142	CAWR-16-126335	GELC
Spring 5B	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.282	0.0368	0.137	—	pCi/L	Y	—	NQ	N3B-2019-75	CAWR-19-162092	GELC
Spring 5B	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.226	0.025	0.0377	—	pCi/L	Y	—	NQ	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.26	0.0318	0.0664	—	pCi/L	Y	—	NQ	N3B-2022-41	CAWR-22-234653	GELC
Spring 5B	—	10/05/2021	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.301	0.0363	0.0781	—	pCi/L	Y	—	NQ	N3B-2022-41	CAWR-22-234709	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.249	0.0302	0.0607	—	pCi/L	Y	—	NQ	N3B-2023-72	CAWR-23-259190	GELC
Spring 5B	—	10/04/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.186	0.0278	0.0629	—	pCi/L	Y	—	NQ	N3B-2023-72	CAWR-23-259194	GELC
Spring 5B	—	10/12/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	8.22	—	—	1	µg/L	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	8.39	—	—	1	µg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	8.68	—	—	1	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	8.74	—	—	1	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234654	GELC
Spring 5B	—	10/05/2021	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Vanadium	V	Y	8.5	—	—	1	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234710	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	7.4	—	—	1	µg/L	Y	—	J+	N3B-2023-72	CAWR-23-259191	GELC
Spring 5B	—	10/04/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Vanadium	V	Y	8.12	—	—	1	µg/L	Y	—	J+	N3B-2023-72	CAWR-23-259195	GELC
Spring 6	—	10/11/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-426	CAWR-18-147417	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2019-39	CAWR-19-162095	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2019-39	CAWR-19-162097	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 6	—	10/02/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	2.24	—	—	1.5	µg/L	Y	J	U	N3B-2020-23	CAWR-20-188078	GELC
Spring 6	—	10/05/2021	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	3.23	—	—	1.74	µg/L	Y	J	J	N3B-2022-43	CAWR-22-234655	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	2.35	—	—	1.74	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	VOC	SW-846:8260D	Acetone	67-64-1	Y	1.97	—	—	1.74	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259207	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	—	—	0.01	SU	Y	H	NQ	2018-458	CAWR-18-147303	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	—	—	0.01	SU	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	—	—	0.01	SU	Y	H	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.69	—	—	0.01	SU	Y	H	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.74	—	—	0.01	SU	Y	H	J	N3B-2022-43	CAWR-22-234656	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.87	—	—	0.01	SU	Y	H	J	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	0.01	SU	Y	H	J	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.5	—	—	1.45	mg/L	Y	—	NQ	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64	—	—	1.45	mg/L	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	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234656	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0181	0.0179	0.0353	—	pCi/L	Y	U	U	2018-458	CAWR-18-147325	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00000000576	0.0141	0.0634	—	pCi/L	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	0.0555	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162097	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0111	0.00665	0.03	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/05/2021	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.011	0.011	0.0839	—	pCi/L	Y	U	UJ	N3B-2022-43	CAWR-22-234655	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0151	0.0766	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0284	0.015	0.0913	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0208	—	—	0.017	mg/L	Y	J	U	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0372	—	—	0.017	mg/L	Y	J	J	N3B-2019-75	CAWR-19-162094	GELC
Spring 6	—	10/03/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0183	—	—	0.017	mg/L	Y	J	J	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0297	—	—	0.017	mg/L	Y	J	J	N3B-2022-43	CAWR-22-234656	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0494	—	—	0.017	mg/L	Y	J	J	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0714	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.79	—	—	2	µg/L	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	—	—	2	µg/L	Y	J	J	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.1	—	—	2	µg/L	Y	J	J	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.14	—	—	2	µg/L	Y	J	J	N3B-2022-43	CAWR-22-234656	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.45	—	—	2	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.35	—	—	2	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.4	—	—	1	µg/L	Y	—	NQ	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	24.2	—	—	1	µg/L	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	—	—	1	µg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	23.9	—	—	1	µg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234656	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	22.8	—	—	1	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Barium	Ba	Y	22.7	—	—	1	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.1	—	—	0.05	mg/L	Y	—	NQ	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.9	—	—	0.05	mg/L	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	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	11.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	11.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234656	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	10.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Calcium	Ca	Y	10.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.671	1.43	5.21	—	pCi/L	Y	U	U	2018-458	CAWR-18-147325	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.174	0.922	3.39	—	pCi/L	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	2.82	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162097	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.25	1.91	4.32	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/05/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.08	1.49	4.54	—	pCi/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.92	1.16	4.46	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.785	1.58	6.24	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.15	—	—	0.067	mg/L	Y	—	NQ	2018-458	CAWR-18-147303	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 6	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.18	—	—	0.067	mg/L	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	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.25	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.31	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234656	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.38	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.52	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.93	—	—	3	µg/L	Y	J	J	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.88	—	—	3	µg/L	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	—	—	3	µg/L	Y	J	J	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.87	—	—	3	µg/L	Y	J	J	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.8	—	—	3	µg/L	Y	J	J	N3B-2022-43	CAWR-22-234656	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.08	—	—	3	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.9	—	—	3	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-75	CAWR-19-162094	GELC
Spring 6	—	10/03/2018	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234656	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Cobalt	Co	Y	1.12	—	—	1	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.65	1.75	6.13	—	pCi/L	Y	U	U	2018-458	CAWR-18-147325	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.79	0.93	3.94	—	pCi/L	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	3.51	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162097	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.00778	0.801	3.13	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/05/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.43	1.4	3.96	—	pCi/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.5	1.07	3.19	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.28	1.97	8.3	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.265	—	—	0.033	mg/L	Y	—	NQ	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.306	—	—	0.033	mg/L	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	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.515	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.205	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234656	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.556	—	—	0.033	mg/L	Y	—	J	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.556	—	—	0.033	mg/L	Y	—	J	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.119	0.716	2.95	—	pCi/L	Y	U	U	2018-458	CAWR-18-147325	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.34	0.864	2.79	—	pCi/L	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	2.97	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162097	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.78	0.815	2.97	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/05/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.335	0.415	2.49	—	pCi/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.217	0.562	2.41	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	EPA:900.0	Gross alpha	GROSSA	N	-0.143	0.524	2.57	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.35	0.811	2.41	—	pCi/L	Y	U	U	2018-458	CAWR-18-147325	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.82	0.829	2.55	—	pCi/L	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	1.72	—	pCi/L	Y	—	NQ	N3B-2019-75	CAWR-19-162097	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-2.03	0.765	2.92	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/05/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.973	0.873	2.96	—	pCi/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	-0.0137	0.768	2.82	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	EPA:900.0	Gross beta	GROSSB	N	1.82	0.866	2.79	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	41.4	—	—	0.453	mg/L	Y	—	NQ	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	44.5	—	—	0.453	mg/L	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	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	42.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	43.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234656	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	40	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.28	—	—	0.11	mg/L	Y	—	NQ	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.59	—	—	0.11	mg/L	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	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.42	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.61	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234656	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.33	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Magnesium	Mg	Y	3.21	—	—	0.11	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 6	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.899	—	—	0.2	µg/L	Y	—	NQ	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.04	—	—	0.2	µg/L	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	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.06	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	N	1.01	—	—	0.2	µg/L	Y	—	U	N3B-2022-43	CAWR-22-234656	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.973	—	—	0.2	µg/L	Y	J	J	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.03	—	—	0.2	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.678	2.43	8.99	—	pCi/L	Y	U	U	2018-458	CAWR-18-147325	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.42	1.69	5.89	—	pCi/L	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	5.69	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162097	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.98	2	6.5	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/05/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.7	3.07	9.66	—	pCi/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.36	2.34	6	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.83	2.82	9.79	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259207	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	—	—	0.017	mg/L	Y	—	NQ	2018-458	CAWR-18-147303	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	—	—	0.017	mg/L	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	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162096	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	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.352	—	—	0.017	mg/L	Y	—	J-	N3B-2022-43	CAWR-22-234656	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.379	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.377	—	—	0.017	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/12/2016	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.304	—	—	0.05	µg/L	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.303	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162094	GELC
Spring 6	—	10/03/2018	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.309	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.305	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/05/2021	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.319	—	—	0.05	µg/L	Y	H	J-	N3B-2022-43	CAWR-22-234656	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.266	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.262	—	—	0.05	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0327	0.0139	0.0473	—	pCi/L	Y	U	U	2018-458	CAWR-18-147325	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0124	0.00829	0.0359	—	pCi/L	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	0.0325	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162097	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0105	0.0116	0.0611	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/05/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0123	0.00788	0.0554	—	pCi/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00483	0.00837	0.0485	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0195	0.0103	0.0489	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259207	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	0.0613	—	pCi/L	Y	U	U	2018-458	CAWR-18-147325	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	0.0395	—	pCi/L	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	0.0357	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162097	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	0.0659	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/05/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00301	0.00741	0.0551	—	pCi/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00241	0.0087	0.0512	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00731	0.0117	0.0517	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.88	—	—	0.05	mg/L	Y	—	NQ	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.87	—	—	0.05	mg/L	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	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	1.87	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234656	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Potassium	K	Y	1.92	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Potassium	K	Y	1.88	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-32.7	20	67.5	—	pCi/L	Y	U	U	2018-458	CAWR-18-147325	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	8.19	12.9	32.5	—	pCi/L	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	39.5	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162097	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-3.92	13.4	56.4	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/05/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12.5	19.1	82.9	—	pCi/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-38.3	18.9	46.9	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-19	28.5	101	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.217	0.144	0.479	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/05/2021	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.4	0.144	0.379	—	pCi/L	Y	—	NQ	N3B-2022-43	CAWR-22-234655	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.333	0.154	0.455	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.377	0.144	0.386	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.217	0.187	—	—	pCi/L	Y	—	U	N3B-2020-41	CAWR-20-188078	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 6	—	10/05/2021	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.616	0.209	—	—	pCi/L	Y	—	NQ	N3B-2022-43	CAWR-22-234655	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.699	0.255	—	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	0.377	0.24	—	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.207	0.119	0.511	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/05/2021	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.216	0.151	0.499	—	pCi/L	Y	U	UJ	N3B-2022-43	CAWR-22-234655	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.366	0.203	0.642	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	-0.17	0.193	0.762	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.2	—	—	0.053	mg/L	Y	—	NQ	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.7	—	—	0.053	mg/L	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	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	74.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234656	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	68.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Silicon Dioxide	SiO2	Y	68.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.6	—	—	0.1	mg/L	Y	—	NQ	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.92	—	—	0.1	mg/L	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	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234656	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Sodium	Na	Y	9.24	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Sodium	Na	Y	9.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.873	1.21	5.41	—	pCi/L	Y	U	U	2018-458	CAWR-18-147325	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.91	0.711	2.28	—	pCi/L	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	3.47	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162097	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.452	1.07	4.52	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/05/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.57	1.69	5.96	—	pCi/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.792	1.12	4.6	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.167	1.83	7.26	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	143	—	—	1	µS/cm	Y	—	NQ	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	135	—	—	1	µS/cm	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	—	—	1	µS/cm	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	119	—	—	1	µS/cm	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	135	—	—	1	µS/cm	Y	—	NQ	N3B-2022-43	CAWR-22-234656	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	130	—	—	1	µS/cm	Y	—	NQ	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	138	—	—	1	µS/cm	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	55.9	—	—	1	µg/L	Y	—	NQ	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	57.1	—	—	1	µg/L	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	—	—	1	µg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	55.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	56.3	—	—	1	µg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234656	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Strontium	Sr	Y	55.1	—	—	1	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Strontium	Sr	Y	54.4	—	—	1	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/11/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.12	0.135	0.478	—	pCi/L	Y	U	U	2018-458	CAWR-18-147325	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0153	0.132	0.489	—	pCi/L	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	0.481	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162097	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.236	0.145	0.479	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/05/2021	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.00281	0.126	0.47	—	pCi/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.416	0.161	0.49	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.191	0.146	0.489	—	pCi/L	Y	U	UJ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.55	—	—	0.133	mg/L	Y	—	NQ	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.43	—	—	0.133	mg/L	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	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.45	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.44	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234656	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.39	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.39	—	—	0.133	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	3.4	mg/L	Y	—	NQ	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	156	—	—	3.4	mg/L	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	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	149	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234656	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 6	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	120	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	2.38	mg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/11/2017	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2018-458	CAWR-18-147325	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-75	CAWR-19-162095	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-75	CAWR-19-162097	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/05/2021	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0492	—	—	0.033	mg/L	Y	J	J+	N3B-2022-43	CAWR-22-234655	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0415	—	—	0.033	mg/L	Y	J	J-	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0554	—	—	0.033	mg/L	Y	J	J-	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0251	—	—	0.02	mg/L	Y	J	U	N3B-2019-75	CAWR-19-162094	GELC
Spring 6	—	10/03/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	0.02	mg/L	Y	U	U	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0968	—	—	0.02	mg/L	Y	—	U	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0334	—	—	0.02	mg/L	Y	J	U	N3B-2022-43	CAWR-22-234656	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.1	—	—	0.02	mg/L	Y	—	J	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.151	—	—	0.02	mg/L	Y	—	J	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	09/28/2010	WG	UF	RE	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.5134	0.7406	2.254	—	pCi/L	Y	U	U	11-28	CAWR-10-25378	ARSL
Spring 6	—	09/28/2010	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	3.4132	0.8694	2.254	—	pCi/L	N	—	R	11-28	CAWR-10-25378	ARSL
Spring 6	—	12/09/2013	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.171	0.649	2.045	—	pCi/L	Y	U	U	2014-2649	CAWR-13-42155	ARSL
Spring 6	—	10/12/2016	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.55	1.266	3.923	—	pCi/L	Y	U	U	2017-166	CAWR-16-126336	ARSL
Spring 6	—	10/03/2018	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.774	0.942	2.952	—	pCi/L	Y	U	U	N3B-2019-89	CAWR-19-162095	ARSL
Spring 6	—	10/03/2018	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.282	0.976	2.955	—	pCi/L	Y	U	U	N3B-2019-89	CAWR-19-162097	ARSL
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.694	0.953	3.01	—	pCi/L	Y	U	UJ	N3B-2023-136	CAWR-23-259203	ARSL
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.255	0.874	2.972	—	pCi/L	Y	U	UJ	N3B-2023-136	CAWR-23-259207	ARSL
Spring 6	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.173	—	—	0.067	µg/L	Y	J	J	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.213	—	—	0.067	µg/L	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	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.217	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.239	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234656	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.271	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	0.265	—	—	0.067	µg/L	Y	—	NQ	N3B-2023-72	CAWR-23-259208	GELC
Spring 6	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.209	0.0226	0.0475	—	pCi/L	Y	—	NQ	2018-458	CAWR-18-147325	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.196	0.0332	0.137	—	pCi/L	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	0.091	—	pCi/L	Y	—	NQ	N3B-2019-75	CAWR-19-162097	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.227	0.0232	0.046	—	pCi/L	Y	—	NQ	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/05/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.223	0.0315	0.0748	—	pCi/L	Y	—	NQ	N3B-2022-43	CAWR-22-234655	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.199	0.035	0.0862	—	pCi/L	Y	—	NQ	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.165	0.0285	0.0597	—	pCi/L	Y	—	NQ	N3B-2023-72	CAWR-23-259207	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	0.0506	—	pCi/L	Y	U	U	2018-458	CAWR-18-147325	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	0.133	—	pCi/L	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	0.0883	—	pCi/L	Y	U	U	N3B-2019-75	CAWR-19-162097	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	0.034	—	pCi/L	Y	U	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/05/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0217	0.0121	0.0588	—	pCi/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0107	0.0107	0.0842	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0037	0.0098	0.0583	—	pCi/L	Y	U	U	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/11/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.108	0.0162	0.0459	—	pCi/L	Y	—	NQ	2018-458	CAWR-18-147325	GELC
Spring 6	—	10/03/2018	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0893	0.0234	0.135	—	pCi/L	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	0.0899	—	pCi/L	Y	—	NQ	N3B-2019-75	CAWR-19-162097	GELC
Spring 6	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0945	0.0156	0.0305	—	pCi/L	Y	—	NQ	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/05/2021	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.117	0.0217	0.0726	—	pCi/L	Y	—	NQ	N3B-2022-43	CAWR-22-234655	GELC
Spring 6	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.143	0.0275	0.0907	—	pCi/L	Y	—	NQ	N3B-2023-72	CAWR-23-259203	GELC
Spring 6	—	10/05/2022	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.105	0.0204	0.0628	—	pCi/L	Y	—	NQ	N3B-2023-72	CAWR-23-259207	GELC
Spring 6	—	10/11/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.24	—	—	1	µg/L	Y	—	NQ	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/03/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.66	—	—	1	µg/L	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	—	—	1	µg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	7.14	—	—	1	µg/L	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	7.16	—	—	1	µg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234656	GELC
Spring 6	—	10/03/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Vanadium	V	Y	7.08	—	—	1	µg/L	Y	—	J+	N3B-2023-72	CAWR-23-259204	GELC
Spring 6	—	10/05/2022	WG	F	INIT	FD	INORGANIC	SW-846:6010D	Vanadium	V	Y	7	—	—	1	µg/L	Y	—	J+	N3B-2023-72	CAWR-23-259208	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	—	—	0.01	SU	Y	H	NQ	2017-142	CAWR-16-126364	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	—	—	0.01	SU	Y	HQ	NQ	2018-460	CAWR-18-147305	GELC

Table C-2 Analytical Detections 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	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
Spring 8A	—	10/02/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.07	—	—	0.01	SU	Y	H	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.88	—	—	0.01	SU	Y	H	J	N3B-2022-42	CAWR-22-234660	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.08	—	—	0.01	SU	Y	H	J	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/13/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72	—	—	1.45	mg/L	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/12/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73.9	—	—	1.45	mg/L	Y	Q	NQ	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/02/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234660	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/13/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0146	0.00808	0.051	—	pCi/L	Y	U	U	2017-142	CAWR-16-126338	GELC
Spring 8A	—	10/12/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00195	0.00645	0.0341	—	pCi/L	Y	U	U	2018-460	CAWR-18-147327	GELC
Spring 8A	—	10/02/2019	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00306	0.0133	0.0414	—	pCi/L	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/05/2021	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0299	0.0205	0.13	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00629	0.0166	0.101	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/13/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0582	—	—	0.017	mg/L	Y	—	U	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/12/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0482	—	—	0.017	mg/L	Y	JQ	U	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/02/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0329	—	—	0.017	mg/L	Y	J	J	N3B-2022-42	CAWR-22-234660	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0182	—	—	0.017	mg/L	Y	J	J-	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/13/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	17.4	—	—	1	µg/L	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/12/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	35.5	—	—	1	µg/L	Y	—	NQ	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	23.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234660	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Barium	Ba	Y	28.6	—	—	1	µg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/13/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	8.74	—	—	0.05	mg/L	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/12/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	12.4	—	—	0.05	mg/L	Y	—	NQ	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/02/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.54	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/05/2021	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	10.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234660	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	INORGANIC	SW-846:6010D	Calcium	Ca	Y	10.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/13/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.156	1.05	3.89	—	pCi/L	Y	U	U	2017-142	CAWR-16-126338	GELC
Spring 8A	—	10/12/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.232	1.24	4.7	—	pCi/L	Y	U	U	2018-460	CAWR-18-147327	GELC
Spring 8A	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	8.32	1.76	3.58	—	pCi/L	Y	UI	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/05/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.136	1.39	5.18	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.724	1.53	5.64	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/13/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.81	—	—	0.067	mg/L	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/12/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	2.72	—	—	0.067	mg/L	Y	Q	NQ	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/02/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.9	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/05/2021	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.88	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234660	GELC
Spring 8A	—	10/04/2022	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.41	—	—	0.067	mg/L	Y	—	NQ	N3B-2023-73	CAWR-23-259218	GELC
Spring 8A	—	10/13/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.61	0.918	4.26	—	pCi/L	Y	U	U	2017-142	CAWR-16-126338	GELC
Spring 8A	—	10/12/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.2	1.42	6.2	—	pCi/L	Y	U	U	2018-460	CAWR-18-147327	GELC
Spring 8A	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.35	1.2	5.35	—	pCi/L	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/05/2021	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.684	1.29	4.91	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.463	1.33	5.56	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/13/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	2.99	0.989	2.68	—	pCi/L	Y	—	NQ	2017-142	CAWR-16-126338	GELC
Spring 8A	—	10/12/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.734	0.808	2.95	—	pCi/L	Y	U	U	2018-460	CAWR-18-147327	GELC
Spring 8A	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.73	0.9	2.82	—	pCi/L	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/05/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.135	0.641	2.69	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.18	0.739	2.41	—	pCi/L	Y	U	UJ	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/13/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.28	1.05	2.72	—	pCi/L	Y	—	NQ	2017-142	CAWR-16-126338	GELC
Spring 8A	—	10/12/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.42	0.803	2.02	—	pCi/L	Y	—	NQ	2018-460	CAWR-18-147327	GELC
Spring 8A	—	10/02/2019	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.81	0.963	2.94	—	pCi/L	Y	—	NQ	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/05/2021	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.31	0.968	2.78	—	pCi/L	Y	—	NQ	N3B-2022-42	CAWR-22-234659	GELC
Spring 8A	—	10/04/2022	WG	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	-0.852	0.716	2.72	—	pCi/L	Y	U	U	N3B-2023-73	CAWR-23-259217	GELC
Spring 8A	—	10/01/2014	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	39.3	—	—	0.453	mg/L	Y	—	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/13/2016	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	33.3	—	—	0.453	mg/L	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/12/2017	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	45.6	—	—	0.453	mg/L	Y	—	NQ	2018-460	CAWR-18-147305	GELC

Appendix D

Groundwater Results Greater than Half of Screening Values

Zone	Location ID	Screen Depth	Sample Date	Analysis Suite	Parameter Name	Parameter Code	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Detected	Report Result	Method Detection Limit	Report Units	Dilution Factor	Lab Qualifier	Validation Qualifier	Validation Reason Codes	Best Value	Lab Method	Lab ID	Screening Level	Reporting Level Code	Result per Screening Level
—[a]	Los Alamos Spring	—	06/20/2023	General Chemistry	Fluoride	F(-1)	F[b]	INIT[c]	REG[d]	Y[e]	0.873	0.0330	mg/L	1.00	—	J+[f]	I6b[g]	Y	EPA:300.0	GELC[h]	1.6	NM GW STD[i]	0.55
—	Sacred Spring	—	10/11/2022	Inorganic	Manganese	Mn	F	INIT	REG	Y	125	2.00	µg/L	1.00	—	NQ[j]	NQ	Y	SW-846:6010D	GELC	200	NM GW STD	0.63
—	Sacred Spring	—	10/11/2022	Rad	Gross alpha	GROSSA	UF[k]	INIT	REG	Y	9.88	—	pCi/L	1.00	—	NQ	NQ	Y	EPA:900.0	GELC	15	EPA MCL[l]	0.66
—	Spring 1	—	10/06/2022	Inorganic	Arsenic	As	F	INIT	REG	Y	5.11	2.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	10	NM GW STD	0.51
—	Spring 2	—	04/18/2023	Inorganic	Arsenic	As	F	INIT	REG	Y	9.55	2.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	10	NM GW STD	0.96
—	Spring 2	—	04/18/2023	Inorganic	Vanadium	V	F	INIT	REG	Y	34.6	1.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6010D	GELC	63.1	NMED A1 TAP SCRN LVL[m]	0.55
—	Spring 4	—	10/13/2022	SVOC[n]	Benzo(a)anthracene	56-55-3	UF	INIT	REG	Y	0.384	0.288	µg/L	1.00	J	J-[o]	SV12e[p]	Y	SW-846:8270E	GELC	0.12	NMED A1 TAP SCRN LVL	3.20
—	Spring 4	—	10/13/2022	SVOC	Benzo(b)fluoranthene	205-99-2	UF	INIT	REG	Y	0.307	0.288	µg/L	1.00	J	J-	SV12a[q]	Y	SW-846:8270E	GELC	0.343	NMED A1 TAP SCRN LVL	0.90
—	Spring 4	—	10/13/2022	SVOC	Dibenz(a,h)anthracene	53-70-3	UF	INIT	REG	Y	0.355	0.288	µg/L	1.00	J	J[r]	J_LAB[s]	Y	SW-846:8270E	GELC	0.0343	NMED A1 TAP SCRN LVL	10.35
—	Spring 4	—	10/13/2022	SVOC	Indeno(1,2,3-cd)pyrene	193-39-5	UF	INIT	REG	Y	0.336	0.288	µg/L	1.00	J	J-	SV12a	Y	SW-846:8270E	GELC	0.343	NMED A1 TAP SCRN LVL	0.98
Alluvial	LAO-1.6g	10.47	06/08/2023	General Chemistry	Chloride	Cl(-1)	F	INIT	REG	Y	167	3.35	mg/L	50.0	—	NQ	NQ	Y	EPA:300.0	GELC	250	NM GW STD	0.67
Alluvial	LAO-3a	4.7	06/13/2023	General Chemistry	Fluoride	F(-1)	F	INIT	REG	Y	0.94	0.0330	mg/L	1.00	—	NQ	NQ	Y	EPA:300.0	GELC	1.6	NM GW STD	0.59
Alluvial	LAO-3a	4.7	06/13/2023	Rad	Strontium-90	Sr-90	UF	INIT	REG	Y	9.84	—	pCi/L	1.00	—	NQ	NQ	Y	EPA:905.0	GELC	8	EPA MCL	1.23
Alluvial	MCO-5	21.0	07/21/2022	Rad	Strontium-90	Sr-90	UF	INIT	REG	Y	34.2	—	pCi/L	1.00	—	NQ	NQ	Y	EPA:905.0	GELC	8	EPA MCL	4.28
Alluvial	PAO-5n	7.43	06/06/2023	Inorganic	Arsenic	As	F	INIT	REG	Y	7.4	2.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	10	NM GW STD	0.74
Alluvial	PAO-5n	7.43	06/06/2023	LCMS/MS[t]	Perfluorooctanesulfonic acid	1763-23-1	UF	INIT	REG	Y	111	0.660	ng/L	1.00	—	NQ	NQ	Y	EPA:537M	GELC	60	NMED A1 TAP SCRN LVL	1.85
Alluvial	PAO-5n	7.43	06/06/2023	LCMS/MS	Perfluorooctanoic acid	335-67-1	UF	INIT	REG	Y	36.6	0.660	ng/L	1.00	—	NQ	NQ	Y	EPA:537M	GELC	60	NMED A1 TAP SCRN LVL	0.61
Intermediate	POI-4	159.0	06/07/2023	Inorganic	Arsenic	As	F	INIT	REG	Y	6.16	2.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	10	NM GW STD	0.62
Intermediate	POI-4	159.0	06/07/2023	LCMS/MS	Perfluorooctanesulfonic acid	1763-23-1	UF	INIT	REG	Y	90.6	0.702	ng/L	1.00	—	NQ	NQ	Y	EPA:537M	GELC	60	NMED A1 TAP SCRN LVL	1.51
Intermediate	R-3i	215.2	06/12/2023	LCMS/MS	Perfluorooctanoic acid	335-67-1	UF	INIT	REG	Y	46	0.696	ng/L	1.00	—	NQ	NQ	Y	EPA:537M	GELC	60	NMED A1 TAP SCRN LVL	0.77
Regional	R-16r	600.0	07/22/2022	Inorganic	Arsenic	As	F	INIT	FD[u]	Y	5.02	2.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	10	NM GW STD	0.50
Regional	R-16r	600.0	07/22/2022	Inorganic	Arsenic	As	F	INIT	REG	Y	5.09	2.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	10	NM GW STD	0.51
Regional	R-31 S3	666.3	02/13/2023	Inorganic	Iron	Fe	F	INIT	REG	Y	1110	30.0	µg/L	1.00	—	NQ	NQ	Y	SW-846:6010D	GELC	1000	NM GW STD	1.11
Regional	R-31 S3	666.3	02/13/2023	Inorganic	Manganese	Mn	F	INIT	REG	Y	102	2.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6010D	GELC	200	NM GW STD	0.51
Regional	R-31 S3	666.3	09/09/2022	Inorganic	Iron	Fe	F	INIT	REG	Y	1290	30.0	µg/L	1.00	—	NQ	NQ	Y	SW-846:6010D	GELC	1000	NM GW STD	1.29
Regional	R-31 S3	666.3	09/09/2022	Inorganic	Manganese	Mn	F	INIT	REG	Y	108	2.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6010D	GELC	200	NM GW STD	0.54

Zone	Location ID	Screen Depth	Sample Date	Analysis Suite	Parameter Name	Parameter Code	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Detected	Report Result	Method Detection Limit	Report Units	Dilution Factor	Lab Qualifier	Validation Qualifier	Validation Reason Codes	Best Value	Lab Method	Lab ID	Screening Level	Reporting Level Code	Result per Screening Level
Regional	R-31 S4	826.6	03/01/2023	LCMS/MS High Explosives	Nitrobenzene	98-95-3	UF	INIT	REG	Y	0.754	0.0786	µg/L	2.00	—	NQ	NQ	Y	SW-846:8330B	GELC	1.4	NMED A1 TAP SCRN LVL	0.54
Regional	R-4	792.9	06/12/2023	General Chemistry	Fluoride	F(-1)	F	INIT	REG	Y	0.909	0.0330	mg/L	1.00	—	NQ	NQ	Y	EPA:300.0	GELC	1.6	NM GW STD	0.57

[a] — = Not applicable.

[b] F = Filtered.

[c] INIT = Initial.

[d] REG = Regular.

[e] Y = Yes.

[f] 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.

[g] I6b = The associated matrix spike percent recovery is greater than the upper acceptance limit.

[h] GELC = General Engineering Laboratories, LLC, Charleston, SC.

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

[j] NQ = Not qualified.

[k] UF = Unfiltered.

[l] EPA MCL = U.S. Environmental Protection Agency maximum contaminant level (https://www.epa.gov/ground-water-and-drinking-water/national-primary-drinking-water-regulations).

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

[n] SVOC = Semivolatile organic compound.

[o] 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.

[p] SV12e = The matrix spike percent recovery is less than the lower acceptance limit.

[q] SV12a = The laboratory control sample percent recovery is less than the lower acceptance limit and greater than or equal to the rejection limit..

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

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

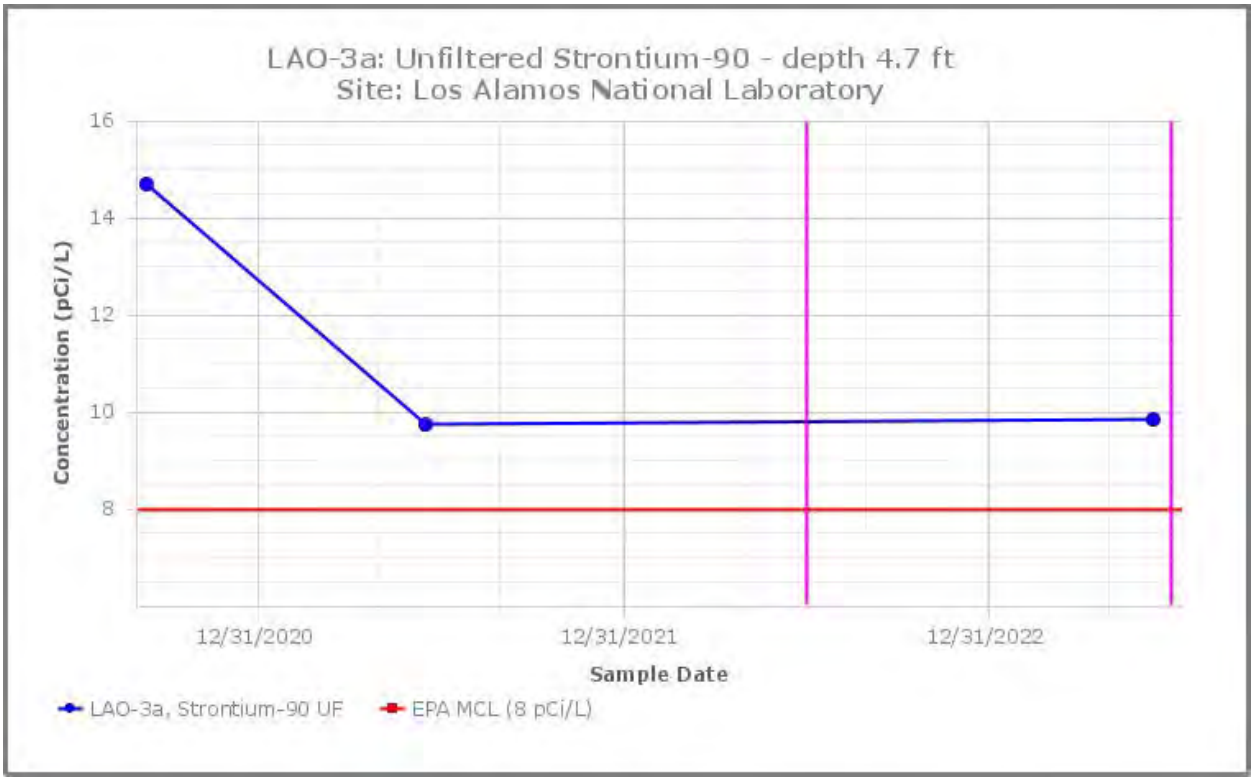
[t] LCMS/MS = Liquid chromatography mass spectrometry/mass spectrometry.

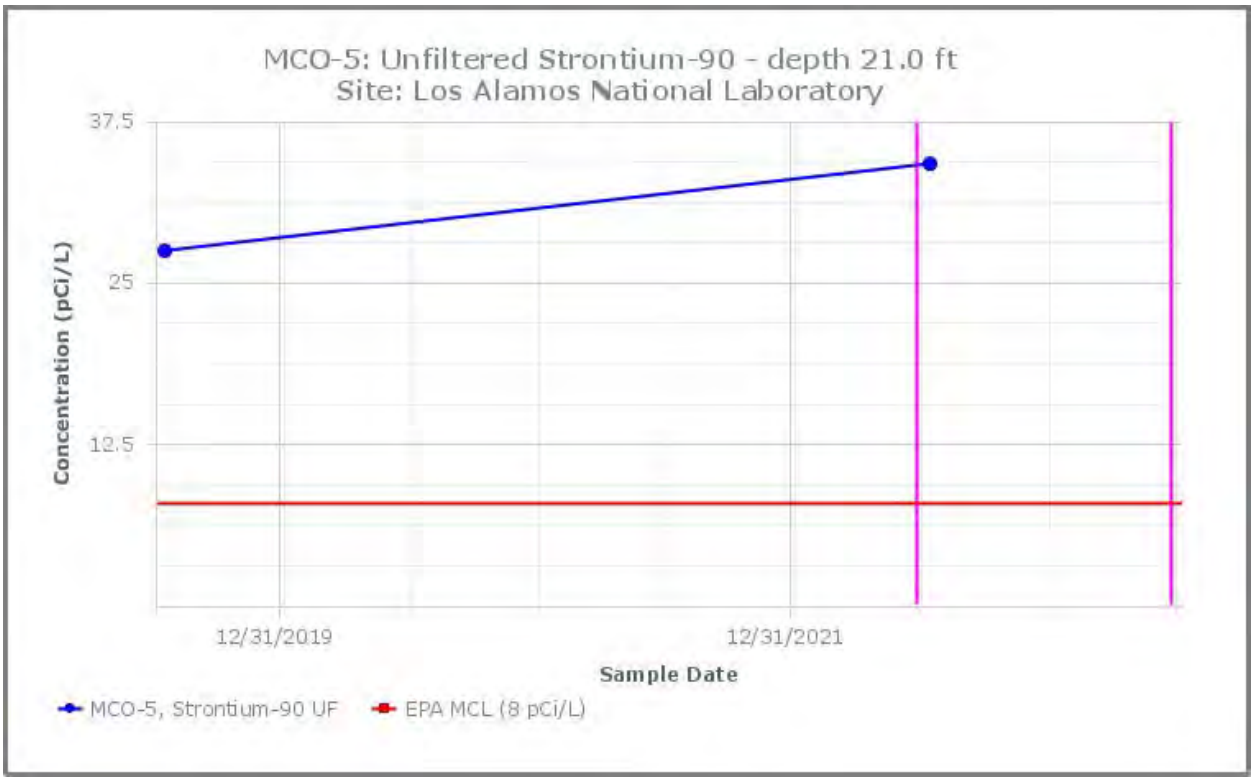
[u] FD = Field duplicate.

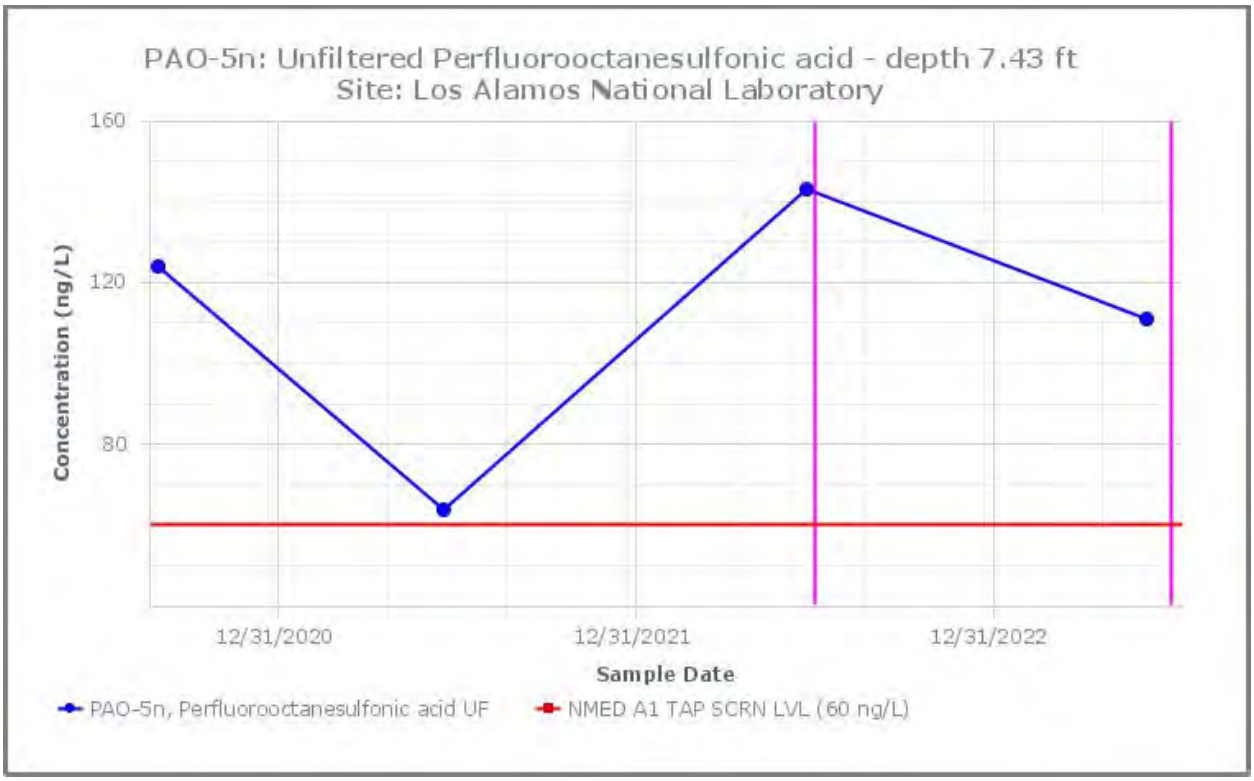
Appendix E

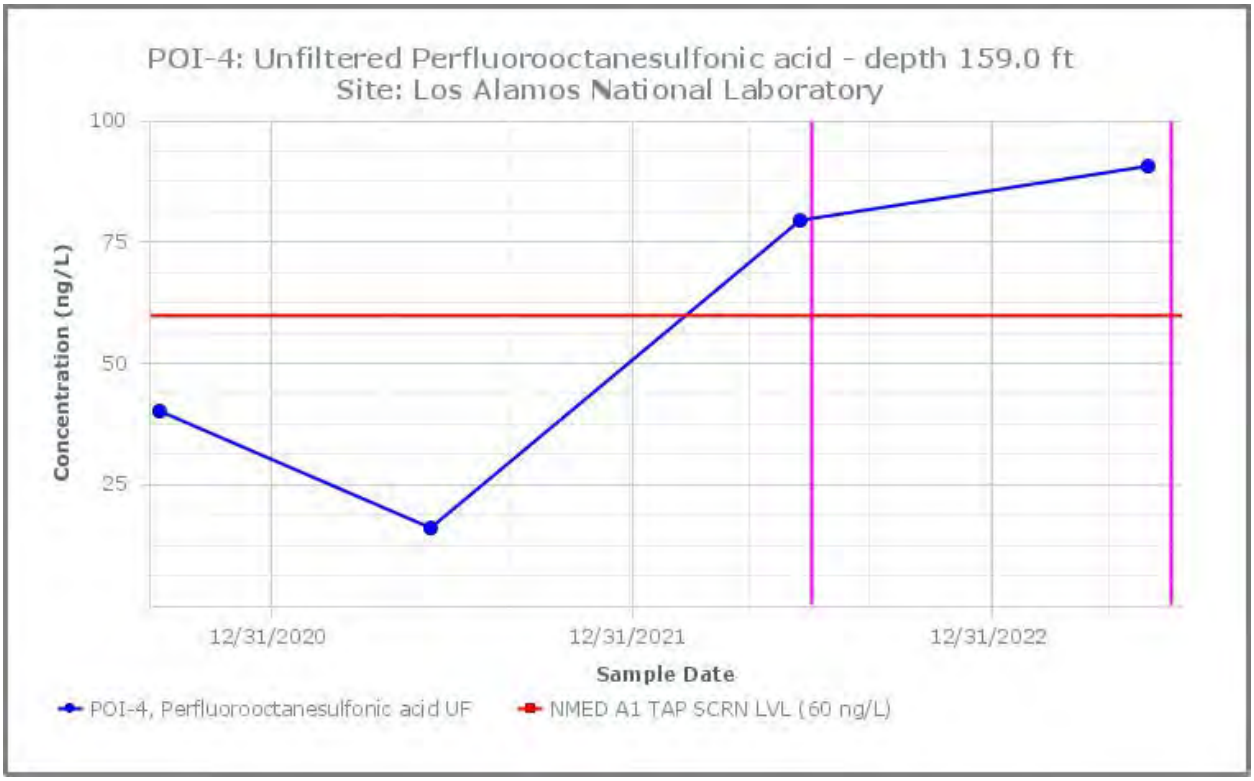
Analytical Chemistry Graphs of Screening-Value Exceedances

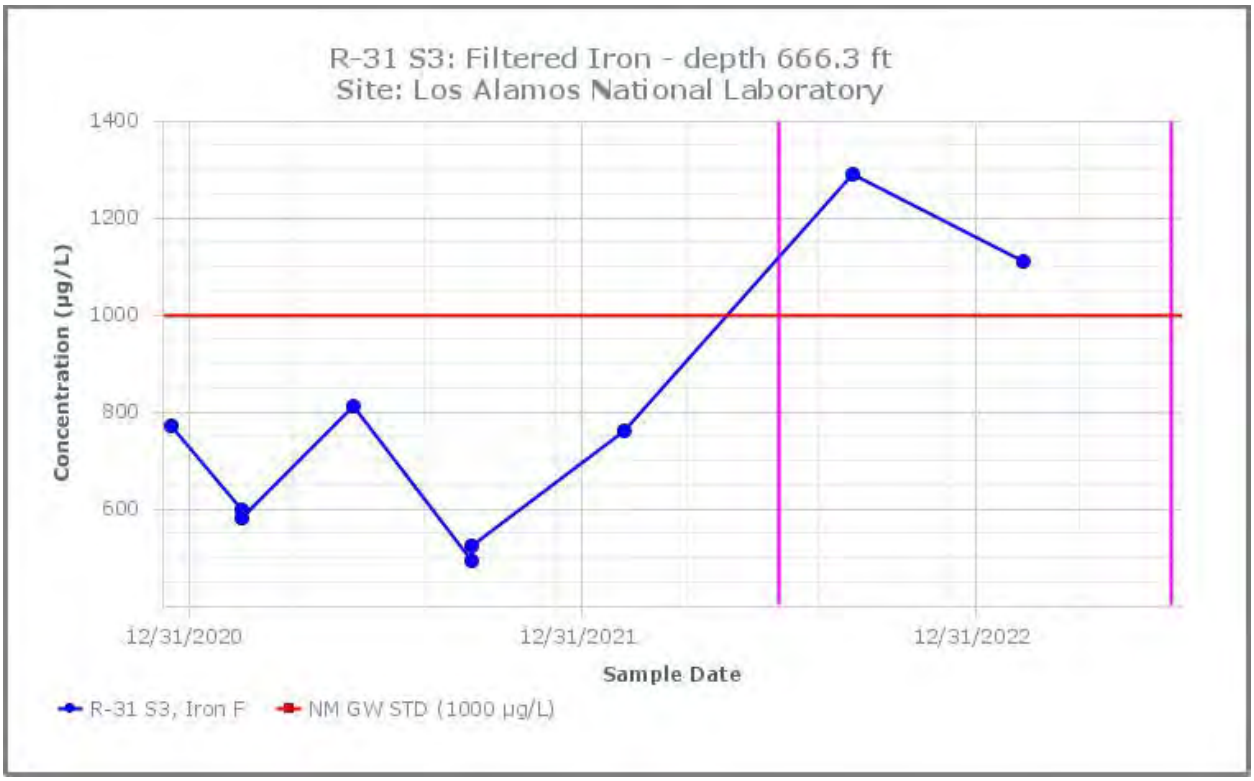
Note: The magenta vertical lines represent the period being reported in this periodic monitoring report.

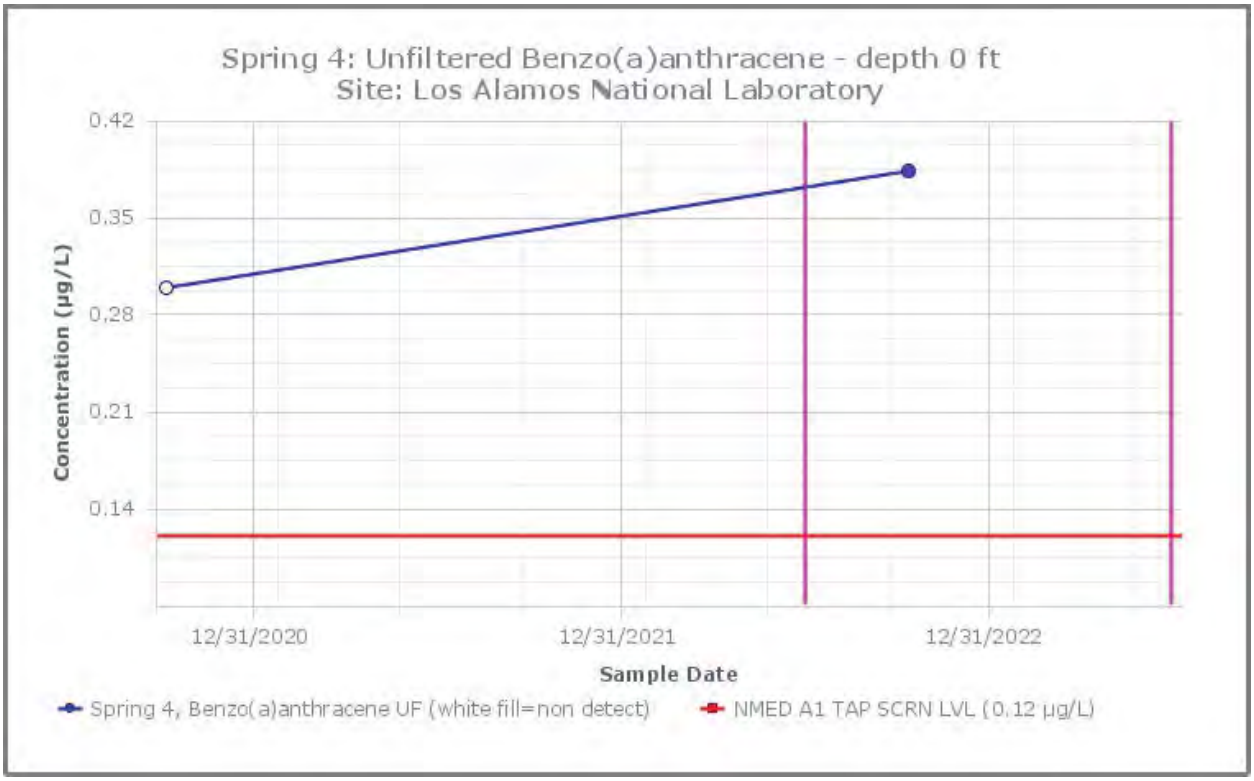


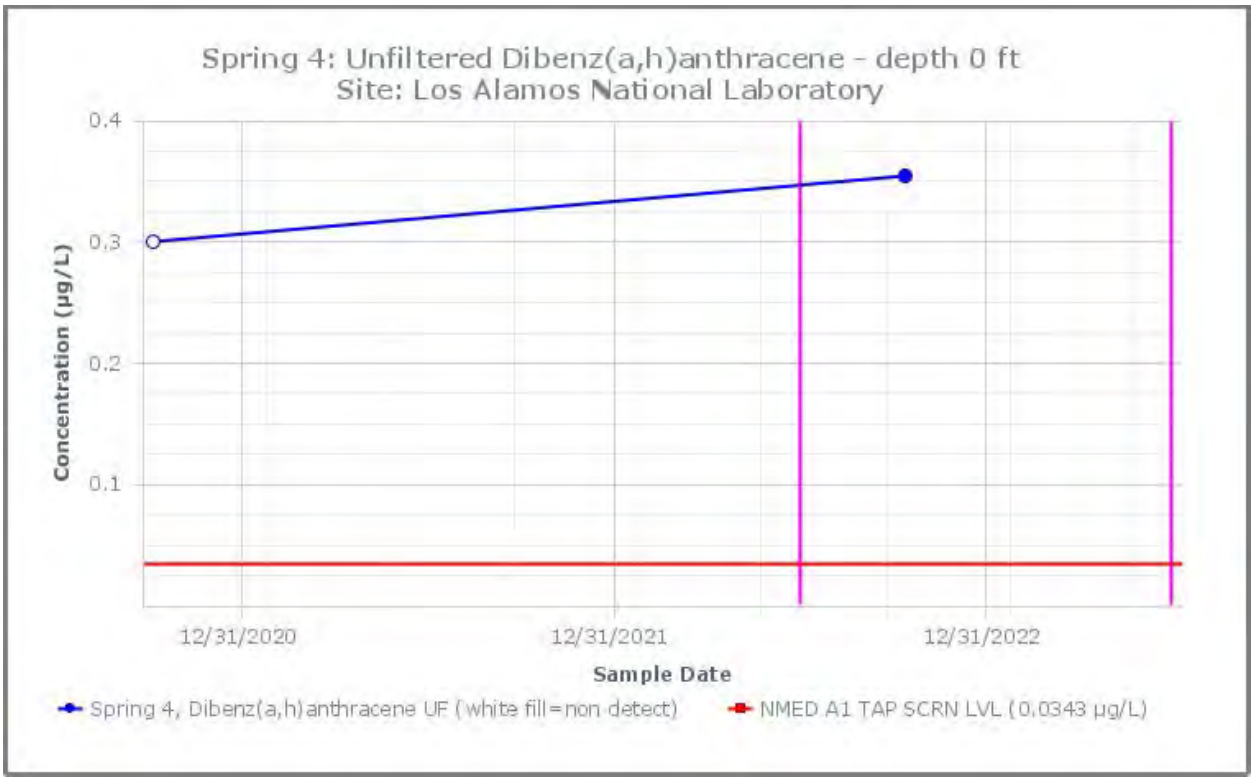



PAO-5n: Unfiltered Perfluorooctanesulfonic acid - depth 7.43 ft
Site: Los Alamos National Laboratory
160
120
80
Concentration (ng/L)
12/31/2020
12/31/2021
12/31/2022
Sample Date
PAO-5n, Perfluorooctanesulfonic acid UF
NMED A1 TAP SCRN LVL (60 ng/L)


POI-4: Unfiltered Perfluorooctanesulfonic acid - depth 159.0 ft
Site: Los Alamos National Laboratory
100
75
50
25
Concentration (ng/L)
12/31/2020
12/31/2021
12/31/2022
Sample Date
POI-4, Perfluorooctanesulfonic acid UF
NMED A1 TAP SCRN LVL (60 ng/L)


R-31 S3: Filtered Iron - depth 666.3 ft
Site: Los Alamos National Laboratory
1400
1200
1000
800
600
Concentration (µg/L)
12/31/2020
12/31/2021
12/31/2022
Sample Date
R-31 S3, Iron F
NM GW STD (1000 µg/L)


Spring 4: Unfiltered Benzo(a)anthracene - depth 0 ft
Site: Los Alamos National Laboratory
0.42
0.35
0.28
0.21
0.14
Concentration (µg/L)
12/31/2020
12/31/2021
12/31/2022
Sample Date
Spring 4, Benzo(a)anthracene UF (white fill=non detect)
NMED A1 TAP SCRN LVL (0.12 µg/L)


Spring 4: Unfiltered Dibenz(a,h)anthracene - depth 0 ft
Site: Los Alamos National Laboratory
0.4
0.3
0.2
0.1
Concentration (µg/L)
12/31/2020
12/31/2021
12/31/2022
Sample Date
Spring 4, Dibenz(a,h)anthracene UF (white fill=non detect)
NMED A1 TAP SCRN LVL (0.0343 µg/L)

Appendix F

Analytical Reports
(on DVD included with this document)

DVD Table of Contents

Chain of Custody No.	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft bgs[a])	Screen End (Bottom) Depth (ft bgs)
N3B-2023-2990	Inorganic	GELC[b]	CALA-23-287712	06/08/2023	LAO-1.6g	10.47	25.47
N3B-2023-2990	Inorganic	GELC	CALA-23-287713	06/08/2023	LAO-1.6g	10.47	25.47
N3B-2023-2990	Organic	GELC	CALA-23-287712	06/08/2023	LAO-1.6g	10.47	25.47
N3B-2023-2990	Rad[c]	GELC	CALA-23-287712	06/08/2023	LAO-1.6g	10.47	25.47
N3B-2023-3063	Inorganic	GELC	CALA-23-287714	06/13/2023	LAO-3a	4.7	14.7
N3B-2023-3063	Inorganic	GELC	CALA-23-287715	06/13/2023	LAO-3a	4.7	14.7
N3B-2023-3063	Organic	GELC	CALA-23-287714	06/13/2023	LAO-3a	4.7	14.7
N3B-2023-3063	Rad	GELC	CALA-23-287714	06/13/2023	LAO-3a	4.7	14.7
N3B-2023-3098	Inorganic	GELC	CALA-23-287710	6/15/2023	LLAO-4	5.24	15.24
N3B-2023-3098	Inorganic	GELC	CALA-23-287711	6/15/2023	LLAO-4	5.24	15.24
N3B-2023-3098	Inorganic	GELC	CALA-23-287739	6/15/2023	LLAO-4	5.24	15.24
N3B-2023-3098	Inorganic	GELC	CALA-23-287740	6/15/2023	LLAO-4	5.24	15.24
N3B-2023-3098	Organic	GELC	CALA-23-287710	6/15/2023	LLAO-4	5.24	15.24
N3B-2023-3098	Rad	GELC	CALA-23-287710	6/15/2023	LLAO-4	5.24	15.24
N3B-2023-3098	Rad	GELC	CALA-23-287739	6/15/2023	LLAO-4	5.24	15.24
N3B-2023-3139	Inorganic	GELC	CALA-23-287704	6/20/2023	Los Alamos Spring	—[d]	—
N3B-2023-3139	Inorganic	GELC	CALA-23-287705	6/20/2023	Los Alamos Spring	—	—
N3B-2023-3139	Rad	GELC	CALA-23-287704	6/20/2023	Los Alamos Spring	—	—
N3B-2022-2369	Inorganic	GELC	CAMO-22-252007	07/21/2022	MCO-5	21.0	46.0
N3B-2022-2369	Inorganic	GELC	CAMO-22-252008	07/21/2022	MCO-5	21.0	46.0
N3B-2022-2369	Organic	GELC	CAMO-22-252007	07/21/2022	MCO-5	21.0	46.0
N3B-2022-2369	Rad	GELC	CAMO-22-252007	07/21/2022	MCO-5	21.0	46.0
N3B-2022-2412	Rad	ARSL	CAMO-22-252007	07/21/2022	MCO-5	21.0	46.0
N3B-2023-2926	Inorganic	GELC	CAPU-23-287719	06/06/2023	PAO-5n	7.43	12.43
N3B-2023-2926	Inorganic	GELC	CAPU-23-287720	06/06/2023	PAO-5n	7.43	12.43
N3B-2023-2926	Organic	GELC	CAPU-23-287719	06/06/2023	PAO-5n	7.43	12.43

Chain of Custody No.	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft bgs[a])	Screen End (Bottom) Depth (ft bgs)
N3B-2023-2926	Rad	GELC	CAPU-23-287719	06/06/2023	PAO-5n	7.43	12.43
N3B-2023-2956	Inorganic	GELC	CAPU-23-287721	06/07/2023	POI-4	159.0	174.0
N3B-2023-2956	Inorganic	GELC	CAPU-23-287722	06/07/2023	POI-4	159.0	174.0
N3B-2023-2956	Organic	GELC	CAPU-23-287721	06/07/2023	POI-4	159.0	174.0
N3B-2023-2956	Rad	GELC	CAPU-23-287721	06/07/2023	POI-4	159.0	174.0
N3B-2023-331	Inorganic	GELC	CASA-23-261126	11/03/2022	R-10 S1[e]	874.0	897.0
N3B-2023-331	Inorganic	GELC	CASA-23-261127	11/03/2022	R-10 S1	874.0	897.0
N3B-2023-331	Rad	GELC	CASA-23-261126	11/03/2022	R-10 S1	874.0	897.0
N3B-2023-331	Inorganic	GELC	CASA-23-261128	11/03/2022	R-10 S2[f]	1042.0	1065.0
N3B-2023-331	Inorganic	GELC	CASA-23-261129	11/03/2022	R-10 S2	1042.0	1065.0
N3B-2023-331	Rad	GELC	CASA-23-261128	11/03/2022	R-10 S2	1042.0	1065.0
N3B-2023-331	Inorganic	GELC	CASA-23-261130	11/03/2022	R-10a	690.0	700.0
N3B-2023-331	Inorganic	GELC	CASA-23-261131	11/03/2022	R-10a	690.0	700.0
N3B-2023-331	Inorganic	GELC	CASA-23-261441	11/03/2022	R-10a	690.0	700.0
N3B-2023-331	Inorganic	GELC	CASA-23-261442	11/03/2022	R-10a	690.0	700.0
N3B-2023-331	Organic	GELC	CASA-23-261130	11/03/2022	R-10a	690.0	700.0
N3B-2023-331	Organic	GELC	CASA-23-261441	11/03/2022	R-10a	690.0	700.0
N3B-2023-331	Rad	GELC	CASA-23-261130	11/03/2022	R-10a	690.0	700.0
N3B-2023-331	Rad	GELC	CASA-23-261441	11/03/2022	R-10a	690.0	700.0
N3B-2023-2356	Inorganic	GELC	CASA-23-282086	05/11/2023	R-10a	690.0	700.0
N3B-2023-2356	Inorganic	GELC	CASA-23-282087	05/11/2023	R-10a	690.0	700.0
N3B-2023-2356	Organic	GELC	CASA-23-282086	05/11/2023	R-10a	690.0	700.0
N3B-2023-2356	Rad	GELC	CASA-23-282086	05/11/2023	R-10a	690.0	700.0
N3B-2022-2316	Inorganic	GELC	CASA-22-252063	07/15/2022	R-12 S2	504.5	508.0
N3B-2022-2316	Inorganic	GELC	CASA-22-252064	07/15/2022	R-12 S2	504.5	508.0
N3B-2022-2316	Organic	GELC	CASA-22-252063	07/15/2022	R-12 S2	504.5	508.0
N3B-2022-2316	Rad	GELC	CASA-22-252063	07/15/2022	R-12 S2	504.5	508.0

Chain of Custody No.	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft bgs[a])	Screen End (Bottom) Depth (ft bgs)
N3B-2022-2346	Rad	ARSL[g]	CASA-22-252063	07/15/2022	R-12 S2	504.5	508.0
N3B-2022-2331	Inorganic	GELC	CAMO-22-252071	07/19/2022	R-16 S2	863.4	870.9
N3B-2022-2331	Inorganic	GELC	CAMO-22-252072	07/19/2022	R-16 S2	863.4	870.9
N3B-2022-2331	Organic	GELC	CAMO-22-252071	07/19/2022	R-16 S2	863.4	870.9
N3B-2022-2331	Rad	GELC	CAMO-22-252071	07/19/2022	R-16 S2	863.4	870.9
N3B-2022-2346	Rad	ARSL	CAMO-22-252071	07/19/2022	R-16 S2	863.4	870.9
N3B-2022-2369	Inorganic	GELC	CAMO-22-252016	07/21/2022	R-16 S4[h]	1237.0	1244.6
N3B-2022-2369	Inorganic	GELC	CAMO-22-252017	07/21/2022	R-16 S4	1237.0	1244.6
N3B-2022-2369	Organic	GELC	CAMO-22-252016	07/21/2022	R-16 S4	1237.0	1244.6
N3B-2022-2369	Rad	GELC	CAMO-22-252016	07/21/2022	R-16 S4	1237.0	1244.6
N3B-2022-2412	Rad	ARSL	CAMO-22-252016	07/21/2022	R-16 S4	1237.0	1244.6
N3B-2022-2369	Inorganic	GELC	CAMO-22-252026	07/22/2022	R-16r	600.0	617.6
N3B-2022-2369	Inorganic	GELC	CAMO-22-252027	07/22/2022	R-16r	600.0	617.6
N3B-2022-2369	Inorganic	GELC	CAMO-22-252561	07/22/2022	R-16r	600.0	617.6
N3B-2022-2369	Inorganic	GELC	CAMO-22-252562	07/22/2022	R-16r	600.0	617.6
N3B-2022-2369	Organic	GELC	CAMO-22-252026	07/22/2022	R-16r	600.0	617.6
N3B-2022-2369	Organic	GELC	CAMO-22-252561	07/22/2022	R-16r	600.0	617.6
N3B-2022-2369	Rad	GELC	CAMO-22-252026	07/22/2022	R-16r	600.0	617.6
N3B-2022-2369	Rad	GELC	CAMO-22-252561	07/22/2022	R-16r	600.0	617.6
N3B-2022-2412	Rad	ARSL	CAMO-22-252026	07/22/2022	R-16r	600.0	617.6
N3B-2022-2412	Rad	ARSL	CAMO-22-252561	07/22/2022	R-16r	600.0	617.6
N3B-2023-1423	Inorganic	GELC	CAPA-23-267935	02/28/2023	R-17 S1	1057.0	1080.0
N3B-2023-1423	Inorganic	GELC	CAPA-23-267936	02/28/2023	R-17 S1	1057.0	1080.0
N3B-2023-1423	Organic	GELC	CAPA-23-267935	02/28/2023	R-17 S1	1057.0	1080.0
N3B-2023-1423	Organic	GELC	CAPA-23-267936	02/28/2023	R-17 S1	1057.0	1080.0
N3B-2023-1423	Inorganic	GELC	CAPA-23-267938	02/28/2023	R-17 S2	1124.0	1134.0
N3B-2023-1423	Organic	GELC	CAPA-23-267938	02/28/2023	R-17 S2	1124.0	1134.0

Chain of Custody No.	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft bgs[a])	Screen End (Bottom) Depth (ft bgs)
N3B-2023-1342	Inorganic	GELC	CAPA-23-267934	02/22/2023	R-19 S2	893.3	909.6
N3B-2023-1342	Organic	GELC	CAPA-23-267934	02/22/2023	R-19 S2	893.3	909.6
N3B-2023-3029	Inorganic	GELC	CAPU-23-287728	06/12/2023	R-2	906.4	929.6
N3B-2023-3029	Inorganic	GELC	CAPU-23-287729	06/12/2023	R-2	906.4	929.6
N3B-2023-3029	Inorganic	GELC	CAPU-23-287730	06/12/2023	R-2	906.4	929.6
N3B-2023-3029	Inorganic	GELC	CAPU-23-287731	06/12/2023	R-2	906.4	929.6
N3B-2023-3029	Organic	GELC	CAPU-23-287728	06/12/2023	R-2	906.4	929.6
N3B-2023-3029	Organic	GELC	CAPU-23-287730	06/12/2023	R-2	906.4	929.6
N3B-2023-3029	Rad	GELC	CAPU-23-287728	06/12/2023	R-2	906.4	929.6
N3B-2023-3029	Rad	GELC	CAPU-23-287730	06/12/2023	R-2	906.4	929.6
N3B-2023-2990	Inorganic	GELC	CAPU-23-287733	06/08/2023	R-24	825.0	848.0
N3B-2023-2990	Inorganic	GELC	CAPU-23-287734	06/08/2023	R-24	825.0	848.0
N3B-2023-2990	Organic	GELC	CAPU-23-287733	06/08/2023	R-24	825.0	848.0
N3B-2023-2990	Rad	GELC	CAPU-23-287733	06/08/2023	R-24	825.0	848.0
N3B-2023-2850	Inorganic	GELC	CAPU-23-287735	06/05/2023	R-3	974.5	995.0
N3B-2023-2850	Inorganic	GELC	CAPU-23-287736	06/05/2023	R-3	974.5	995.0
N3B-2023-2850	Rad	GELC	CAPU-23-287735	06/05/2023	R-3	974.5	995.0
N3B-2022-3139	Inorganic	GELC	CAAN-22-258648	9/9/2022	R-31 S3[i]	666.3	676.3
N3B-2022-3139	Inorganic	GELC	CAAN-22-258649	9/9/2022	R-31 S3	666.3	676.3
N3B-2022-3139	Organic	GELC	CAAN-22-258648	9/9/2022	R-31 S3	666.3	676.3
N3B-2023-1255	Inorganic	GELC	CAAN-23-267944	2/13/2023	R-31 S3	666.3	676.3
N3B-2023-1255	Inorganic	GELC	CAAN-23-267945	2/13/2023	R-31 S3	666.3	676.3
N3B-2023-1255	Organic	GELC	CAAN-23-267944	2/13/2023	R-31 S3	666.3	676.3
N3B-2023-1255	Rad	GELC	CAAN-23-267944	2/13/2023	R-31 S3	666.3	676.3
N3B-2022-3139	Inorganic	GELC	CAAN-22-258650	9/9/2022	R-31 S4	826.6	836.6
N3B-2022-3139	Inorganic	GELC	CAAN-22-258651	9/9/2022	R-31 S4	826.6	836.6
N3B-2022-3139	Inorganic	GELC	CAAN-22-258652	9/9/2022	R-31 S4	826.6	836.6

Chain of Custody No.	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft bgs[a])	Screen End (Bottom) Depth (ft bgs)
N3B-2022-3139	Inorganic	GELC	CAAN-22-258653	9/9/2022	R-31 S4	826.6	836.6
N3B-2022-3139	Organic	GELC	CAAN-22-258650	9/9/2022	R-31 S4	826.6	836.6
N3B-2022-3139	Organic	GELC	CAAN-22-258652	9/9/2022	R-31 S4	826.6	836.6
N3B-2023-1447	Inorganic	GELC	CAAN-23-271885	3/1/2023	R-31 S4	826.6	836.6
N3B-2023-1447	Inorganic	GELC	CAAN-23-271886	3/1/2023	R-31 S4	826.6	836.6
N3B-2023-1447	Organic	GELC	CAAN-23-271885	3/1/2023	R-31 S4	826.6	836.6
N3B-2023-1447	Rad	GELC	CAAN-23-271885	3/1/2023	R-31 S4	826.6	836.6
N3B-2023-331	Inorganic	GELC	CAMO-23-261124	11/04/2022	R-34	883.7	906.6
N3B-2023-331	Inorganic	GELC	CAMO-23-261125	11/04/2022	R-34	883.7	906.6
N3B-2023-331	Rad	GELC	CAMO-23-261124	11/04/2022	R-34	883.7	906.6
N3B-2023-3029	Inorganic	GELC	CAPU-23-287723	06/12/2023	R-3i	215.2	220.0
N3B-2023-3029	Inorganic	GELC	CAPU-23-287724	06/12/2023	R-3i	215.2	220.0
N3B-2023-3029	Organic	GELC	CAPU-23-287723	06/12/2023	R-3i	215.2	220.0
N3B-2023-3029	Rad	GELC	CAPU-23-287723	06/12/2023	R-3i	215.2	220.0
N3B-2023-3029	Inorganic	GELC	CAPU-23-287737	06/12/2023	R-4	792.9	816.0
N3B-2023-3029	Inorganic	GELC	CAPU-23-287738	06/12/2023	R-4	792.9	816.0
N3B-2023-3029	Rad	GELC	CAPU-23-287737	06/12/2023	R-4	792.9	816.0
N3B-2023-116	Inorganic	GELC	CAWR-23-259041	10/11/2022	Sacred Spring	—	—
N3B-2023-116	Inorganic	GELC	CAWR-23-259042	10/11/2022	Sacred Spring	—	—
N3B-2023-116	Organic	GELC	CAWR-23-259041	10/11/2022	Sacred Spring	—	—
N3B-2023-116	Rad	GELC	CAWR-23-259041	10/11/2022	Sacred Spring	—	—
N3B-2023-136	Rad	ARSL	CAWR-23-259041	10/11/2022	Sacred Spring	—	—
N3B-2023-136	Rad	ARSL	CAWR-23-259048	10/06/2022	Spring 1	—	—
N3B-2023-88	Inorganic	GELC	CAWR-23-259048	10/06/2022	Spring 1	—	—
N3B-2023-88	Inorganic	GELC	CAWR-23-259049	10/06/2022	Spring 1	—	—
N3B-2023-88	Organic	GELC	CAWR-23-259048	10/06/2022	Spring 1	—	—
N3B-2023-88	Rad	GELC	CAWR-23-259048	10/06/2022	Spring 1	—	—

Chain of Custody No.	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft bgs[a])	Screen End (Bottom) Depth (ft bgs)
N3B-2023-2082	Inorganic	GELC	CAWR-23-280131	04/18/2023	Spring 2	—	—
N3B-2023-2082	Inorganic	GELC	CAWR-23-280132	04/18/2023	Spring 2	—	—
N3B-2023-2082	Organic	GELC	CAWR-23-280131	04/18/2023	Spring 2	—	—
N3B-2023-2082	Rad	GELC	CAWR-23-280131	04/18/2023	Spring 2	—	—
N3B-2023-136	Rad	ARSL	CAWR-23-259063	10/03/2022	Spring 3	—	—
N3B-2023-72	Inorganic	GELC	CAWR-23-259063	10/03/2022	Spring 3	—	—
N3B-2023-72	Inorganic	GELC	CAWR-23-259064	10/03/2022	Spring 3	—	—
N3B-2023-72	Organic	GELC	CAWR-23-259063	10/03/2022	Spring 3	—	—
N3B-2023-72	Rad	GELC	CAWR-23-259063	10/03/2022	Spring 3	—	—
N3B-2023-90	Inorganic	CFA[j]	CAWR-23-259063	10/03/2022	Spring 3	—	—
N3B-2023-90	Organic	CFA	CAWR-23-259063	10/03/2022	Spring 3	—	—
N3B-2023-136	Rad	ARSL	CAWR-23-259068	10/03/2022	Spring 3A	—	—
N3B-2023-136	Rad	ARSL	CAWR-23-259074	10/03/2022	Spring 3A	—	—
N3B-2023-73	Inorganic	GELC	CAWR-23-259068	10/03/2022	Spring 3A	—	—
N3B-2023-73	Inorganic	GELC	CAWR-23-259069	10/03/2022	Spring 3A	—	—
N3B-2023-73	Inorganic	GELC	CAWR-23-259074	10/03/2022	Spring 3A	—	—
N3B-2023-73	Inorganic	GELC	CAWR-23-259075	10/03/2022	Spring 3A	—	—
N3B-2023-73	Organic	GELC	CAWR-23-259068	10/03/2022	Spring 3A	—	—
N3B-2023-73	Organic	GELC	CAWR-23-259074	10/03/2022	Spring 3A	—	—
N3B-2023-73	Rad	GELC	CAWR-23-259068	10/03/2022	Spring 3A	—	—
N3B-2023-73	Rad	GELC	CAWR-23-259074	10/03/2022	Spring 3A	—	—
N3B-2023-136	Rad	ARSL	CAWR-23-259121	10/03/2022	Spring 3AA	—	—
N3B-2023-72	Inorganic	GELC	CAWR-23-259121	10/03/2022	Spring 3AA	—	—
N3B-2023-72	Inorganic	GELC	CAWR-23-259122	10/03/2022	Spring 3AA	—	—
N3B-2023-72	Organic	GELC	CAWR-23-259121	10/03/2022	Spring 3AA	—	—
N3B-2023-72	Rad	GELC	CAWR-23-259121	10/03/2022	Spring 3AA	—	—
N3B-2023-156	Inorganic	CFA	CAWR-23-259139	10/13/2022	Spring 4	—	—

Chain of Custody No.	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft bgs[a])	Screen End (Bottom) Depth (ft bgs)
N3B-2023-156	Organic	CFA	CAWR-23-259139	10/13/2022	Spring 4	—	—
N3B-2023-159	Inorganic	GELC	CAWR-23-259139	10/13/2022	Spring 4	—	—
N3B-2023-159	Inorganic	GELC	CAWR-23-259140	10/13/2022	Spring 4	—	—
N3B-2023-159	Organic	GELC	CAWR-23-259139	10/13/2022	Spring 4	—	—
N3B-2023-159	Rad	GELC	CAWR-23-259139	10/13/2022	Spring 4	—	—
N3B-2023-304	Rad	ARSL	CAWR-23-259139	10/13/2022	Spring 4	—	—
N3B-2023-136	Rad	ARSL	CAWR-23-259177	10/03/2022	Spring 4AA	—	—
N3B-2023-70	Inorganic	GELC	CAWR-23-259177	10/03/2022	Spring 4AA	—	—
N3B-2023-70	Inorganic	GELC	CAWR-23-259178	10/03/2022	Spring 4AA	—	—
N3B-2023-70	Organic	GELC	CAWR-23-259177	10/03/2022	Spring 4AA	—	—
N3B-2023-70	Rad	GELC	CAWR-23-259177	10/03/2022	Spring 4AA	—	—
N3B-2023-73	Inorganic	GELC	CAWR-23-259181	10/03/2022	Spring 4B	—	—
N3B-2023-73	Inorganic	GELC	CAWR-23-259182	10/03/2022	Spring 4B	—	—
N3B-2023-73	Organic	GELC	CAWR-23-259181	10/03/2022	Spring 4B	—	—
N3B-2023-136	Rad	ARSL	CAWR-23-259185	10/04/2022	Spring 5	—	—
N3B-2023-73	Inorganic	GELC	CAWR-23-259185	10/04/2022	Spring 5	—	—
N3B-2023-73	Inorganic	GELC	CAWR-23-259186	10/04/2022	Spring 5	—	—
N3B-2023-73	Organic	GELC	CAWR-23-259185	10/04/2022	Spring 5	—	—
N3B-2023-73	Rad	GELC	CAWR-23-259185	10/04/2022	Spring 5	—	—
N3B-2023-136	Rad	ARSL	CAWR-23-259190	10/04/2022	Spring 5B	—	—
N3B-2023-136	Rad	ARSL	CAWR-23-259194	10/04/2022	Spring 5B	—	—
N3B-2023-72	Inorganic	GELC	CAWR-23-259190	10/04/2022	Spring 5B	—	—
N3B-2023-72	Inorganic	GELC	CAWR-23-259191	10/04/2022	Spring 5B	—	—
N3B-2023-72	Inorganic	GELC	CAWR-23-259194	10/04/2022	Spring 5B	—	—
N3B-2023-72	Inorganic	GELC	CAWR-23-259195	10/04/2022	Spring 5B	—	—
N3B-2023-72	Organic	GELC	CAWR-23-259190	10/04/2022	Spring 5B	—	—
N3B-2023-72	Organic	GELC	CAWR-23-259194	10/04/2022	Spring 5B	—	—

Chain of Custody No.	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft bgs[a])	Screen End (Bottom) Depth (ft bgs)
N3B-2023-72	Rad	GELC	CAWR-23-259190	10/04/2022	Spring 5B	—	—
N3B-2023-72	Rad	GELC	CAWR-23-259194	10/04/2022	Spring 5B	—	—
N3B-2023-72	Inorganic	GELC	CAWR-23-259204	10/03/2022	Spring 6	—	—
N3B-2023-136	Rad	ARSL	CAWR-23-259203	10/04/2022	Spring 6	—	—
N3B-2023-72	Inorganic	GELC	CAWR-23-259203	10/04/2022	Spring 6	—	—
N3B-2023-72	Organic	GELC	CAWR-23-259203	10/04/2022	Spring 6	—	—
N3B-2023-72	Rad	GELC	CAWR-23-259203	10/04/2022	Spring 6	—	—
N3B-2023-136	Rad	ARSL	CAWR-23-259207	10/05/2022	Spring 6	—	—
N3B-2023-72	Inorganic	GELC	CAWR-23-259207	10/05/2022	Spring 6	—	—
N3B-2023-72	Inorganic	GELC	CAWR-23-259208	10/05/2022	Spring 6	—	—
N3B-2023-72	Organic	GELC	CAWR-23-259207	10/05/2022	Spring 6	—	—
N3B-2023-72	Rad	GELC	CAWR-23-259207	10/05/2022	Spring 6	—	—
N3B-2023-136	Rad	ARSL	CAWR-23-259217	10/04/2022	Spring 8A	—	—
N3B-2023-73	Inorganic	GELC	CAWR-23-259217	10/04/2022	Spring 8A	—	—
N3B-2023-73	Inorganic	GELC	CAWR-23-259218	10/04/2022	Spring 8A	—	—
N3B-2023-73	Organic	GELC	CAWR-23-259217	10/04/2022	Spring 8A	—	—
N3B-2023-73	Rad	GELC	CAWR-23-259217	10/04/2022	Spring 8A	—	—
N3B-2023-136	Rad	ARSL	CAWR-23-259221	10/04/2022	Spring 9	—	—
N3B-2023-70	Inorganic	GELC	CAWR-23-259221	10/04/2022	Spring 9	—	—
N3B-2023-70	Inorganic	GELC	CAWR-23-259222	10/04/2022	Spring 9	—	—
N3B-2023-70	Organic	GELC	CAWR-23-259221	10/04/2022	Spring 9	—	—
N3B-2023-70	Rad	GELC	CAWR-23-259221	10/04/2022	Spring 9	—	—
N3B-2023-136	Rad	ARSL	CAWR-23-259225	10/04/2022	Spring 9A	—	—
N3B-2023-70	Inorganic	GELC	CAWR-23-259225	10/04/2022	Spring 9A	—	—
N3B-2023-70	Inorganic	GELC	CAWR-23-259226	10/04/2022	Spring 9A	—	—
N3B-2023-70	Organic	GELC	CAWR-23-259225	10/04/2022	Spring 9A	—	—
N3B-2023-70	Rad	GELC	CAWR-23-259225	10/04/2022	Spring 9A	—	—

Chain of Custody No.	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft bgs[a])	Screen End (Bottom) Depth (ft bgs)
N3B-2023-116	Inorganic	GELC	CAWR-23-259038	10/11/2022	Upper La Mesita	—	—
N3B-2023-116	Inorganic	GELC	CAWR-23-259039	10/11/2022	Upper La Mesita	—	—
N3B-2023-116	Organic	GELC	CAWR-23-259038	10/11/2022	Upper La Mesita	—	—
N3B-2023-116	Rad	GELC	CAWR-23-259038	10/11/2022	Upper La Mesita	—	—
N3B-2023-136	Rad	ARSL	CAWR-23-259038	10/11/2022	Upper La Mesita	—	—
N3B-2023-3139	Inorganic	GELC	CALA-23-287706	6/20/2023	Vine Tree Spring	—	—
N3B-2023-3139	Inorganic	GELC	CALA-23-287707	6/20/2023	Vine Tree Spring	—	—
N3B-2023-3139	Organic	GELC	CALA-23-287706	6/20/2023	Vine Tree Spring	—	—
N3B-2023-3139	Rad	GELC	CALA-23-287706	6/20/2023	Vine Tree Spring	—	—

[a] bgs = Below ground surface.

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

[c] Rad = Radiochemistry (not gamma).

[d] — = Not applicable.

[e] S1 = Screen 1.

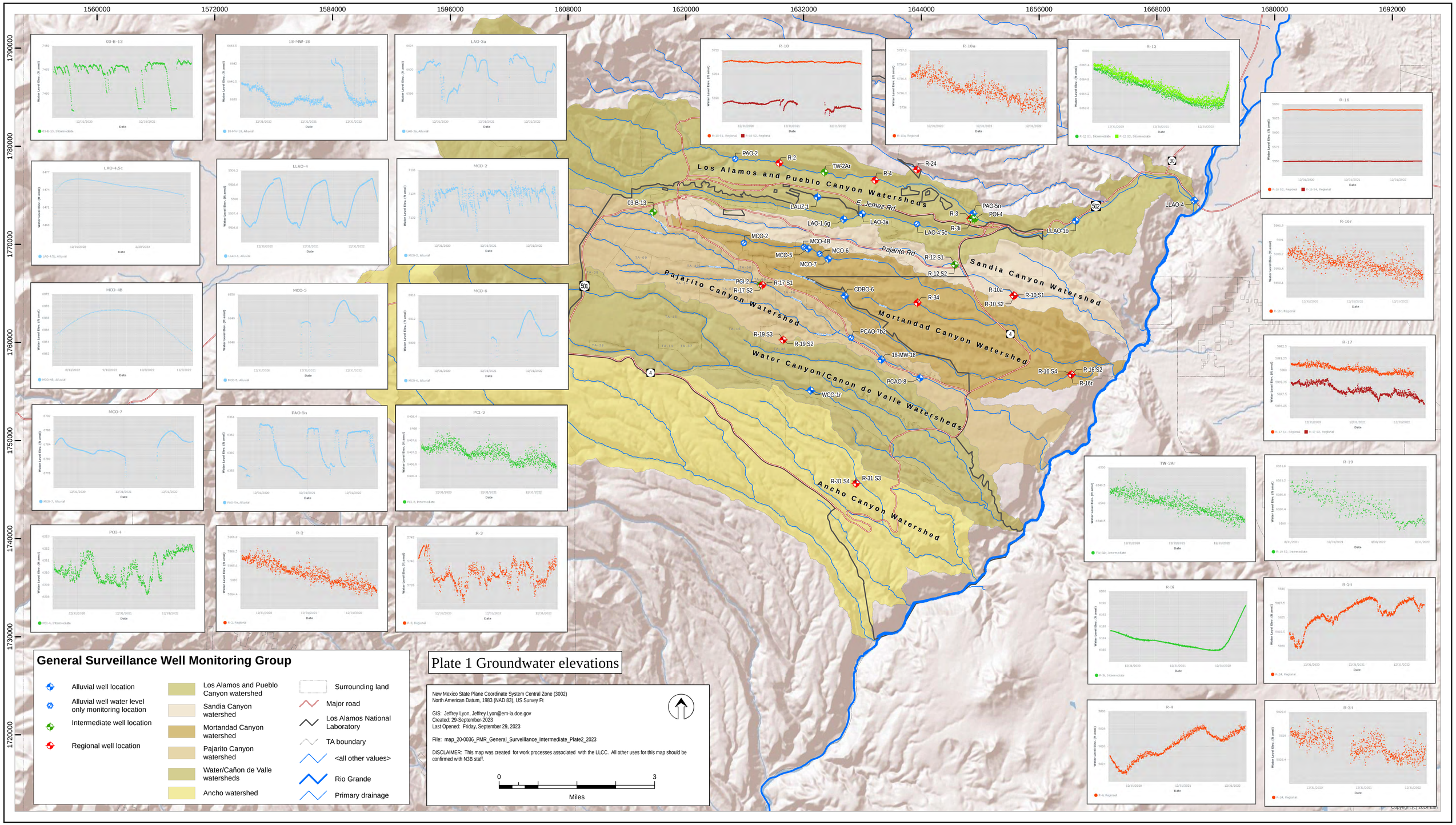
[f] S2 = Screen 2.

[g] ARSL = American Radiation Services, Inc.

[h] S4 = Screen 4.

[i] S3 = Screen 3.

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



General Surveillance Well Monitoring Group

- Alluvial well location
- Alluvial well water level only monitoring location
- Intermediate well location
- Regional well location
- Los Alamos and Pueblo Canyon watershed
- Sandia Canyon watershed
- Mortandad Canyon watershed
- Pajarito Canyon watershed
- Water/Cañon de Valle watersheds
- Ancho watershed
- Surrounding land
- Major road
- Los Alamos National Laboratory
- TA boundary
- <all other values>
- Rio Grande
- Primary drainage

Plate 1 Groundwater elevations

New Mexico State Plane Coordinate System Central Zone (3002)
North American Datum, 1983 (NAD 83), US Survey Ft

GIS: Jeffrey Lyon, Jeffrey.Lyon@em-la.doe.gov
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Miles

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