Ltr: EMID-702446
Gen Surv PMR: 702460
Base Flow PMR: 702461

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

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NMED Hazardous Waste Bureau

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November 29, 2022

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

Subject: Submittal of the 2022 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 "2022 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 "2022 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 results from sampling campaigns performed during the fourth quarter of monitoring year (MY) 2021 through the third quarter of MY 2022.

The base-flow sampling PMR includes validated results from (1) General Surveillance monitoring group base-flow locations for the fourth quarter of MY 2021 through the third quarter of MY 2022 and (2) Technical Area 16 260 base-flow locations for the fourth quarter of MY 2021 and the second quarter of MY 2022. 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 Ryan Flynn at (505) 470-0624 (ryan.flynn@em-la.doe.gov) or Hai Shen at (505) 709-7600 (hai.shen@em.doe.gov).

Sincerely,

ARTURO DURAN

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Date: 2022.11.26 08:58:54 -07'00'

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

Enclosures: Two hard copies with electronic files:

1. 2022 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 (EM2022-0747)
2. 2022 Annual Periodic Monitoring Report for Base-Flow Sampling: Los Alamos Canyon, Sandia Canyon, Water Canyon, White Rock Canyon, and Pajarito Canyon Watersheds (EM2022-0661)

cc (letter with CD/DVD enclosure[s]):
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Raymond Martinez, San Ildefonso Pueblo, NM
Dino Chavarria, Santa Clara Pueblo, NM
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November 2022
EM2022-0747

2022 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.

EM2022-0747

2022 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 2022

Responsible program director:

Ryan Flynn		Program Director	Water Program	11/15/22
Printed Name	Signature	Title	Organization	Date

Responsible N3B representative:

Troy Thomson		Program Manager	N3B Environmental Remediation Program	11/16/22
Printed Name	Signature	Title	Organization	Date

Responsible DOE EM-LA representative:

Arturo Q. Duran	For M Lee Bishop Digitally signed by For M Lee Bishop Date: 2022.11.28 16:10:37 -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 2021 Monitoring Year, October 2020–September 2021, Revision 1" (2021 IFGMP) and the "Interim Facility-Wide Groundwater Monitoring Plan for the 2022 Monitoring Year, October 2021–September 2022, Revision 1" (2022 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 and Pueblo Canyon, Mortandad 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 are reported within the 2022 annual base flow PMR.

This PMR presents monitoring results for 13 periodic monitoring events (PMEs) conducted during the fourth quarter of monitoring year (MY) 2021 and the first, second, and third quarters of MY 2022. Of the 13 PMEs reported in this PMR, 2 were conducted in the Los Alamos and Pueblo Canyon watersheds, 3 in the Mortandad and Sandia Canyon watersheds, 1 in the Water Canyon/Cañon de Valle watershed, 2 in the Ancho Canyon watershed, 2 in the White Rock Canyon watershed, and 3 in the Pajarito Canyon watershed.

In addition to results from these PMEs, results are reported for the previous four PMEs, as well as earlier General Surveillance monitoring group PMEs that have not yet been reported because the validated laboratory data were not available at the time of the previous 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 2021 and 2022 IFGMPs: metals; volatile organic compounds; semivolatile organic compounds; low-level 1,4-dioxane; low-level nitrosamines; per- and polyfluoroalkyl substances; polychlorinated biphenyls; high explosives; dioxins and furans; radionuclides (including low-level tritium); and general inorganic chemicals (including perchlorate). 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, nine groundwater analytical results were detected at or above applicable screening values. These nine screening value exceedances were for the following seven analytes: filtered arsenic; filtered chloride; unfiltered dibenz(a,h)anthracene; filtered iron; filtered manganese; unfiltered perfluorooctanesulfonic acid; and unfiltered perfluorooctanoic acid.

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Appendix F Analytical Reports (on DVD included with this document)

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.)
DQO	data quality objectives
EIM	Environmental Information Management (database)
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 plans
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	2022	2	—*	—
		3	06/17/2022	06/30/2022
Mortandad and Sandia Canyon	2021	4	07/23/2021	07/28/2021
	2022	1	11/04/2021	11/05/2021
		3	05/06/2022	05/06/2022
Water Canyon/Cañon de Valle	2022	2	—	—
Ancho Canyon	2021	3	06/02/2021	06/04/2021
	2022	2	02/08/2022	02/09/2022
White Rock Canyon	2022	1	10/04/2021	10/12/2021
		3	04/20/2022	04/20/2022
Pajarito Canyon	2021	4	09/28/2021	09/29/2021
	2022	1	10/25/2021	10/27/2021
		3	04/05/2022	04/19/2022

* — = Not sampled.

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) 2021 and the first, second, and third quarters of MY 2022.

In addition to results from the 13 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 spring, groundwater well, and well screen locations pursuant to the “Interim Facility-Wide Groundwater Monitoring Plan for the 2021 Monitoring Year, October 2020–September 2021, revision 1” (hereafter referred to as the 2021 IFGMP) (N3B 2020, 701041) and 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), both prepared in accordance with the 2016 Compliance Order on Consent (Consent Order). Base flow locations will be reported within the 2022 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 include New Mexico Water Quality Control Commission (NMWQCC) groundwater standards, U.S. Environmental Protection Agency (EPA) maximum contaminant levels (MCLs), NMED screening levels for tap water, and EPA

regional screening levels for tap water. Additional risk evaluation is required to determine the potential need for cleanup (corrective action) if results indicate that contaminants 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 2021 IFGMP (N3B 2020, 701041) and 2022 IFGMP (N3B 2021, 701672) 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 decrease as a result of reduction of sources over the years.

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

- continue monitoring long-term water-quality trends;
- continue verifying decreased contaminant trends in some watersheds (Los Alamos, Sandia, and Mortandad);
- monitor for potential impacts from ongoing operations under DOE requirements for environmental surveillance; and
- continue surveillance for potential impacts to the groundwater at 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 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 part of the watershed upcanyon from NM 4 and White Rock, the primary focus of this investigation, has a drainage area of 2.6 mi^2, of which 96% is on Laboratory land, 3% is on Pueblo de San Ildefonso land, and 1% is on private land.

Water Canyon/Cañon de Valle and Ancho Canyon Watersheds

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

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 are some of the most frequently monitored locations in or next to the Laboratory. Most of the major springs have been sampled regularly since the late 1960s, with some sampled since the early 1950s.

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

The Rio Grande flows from northeast to southwest near the Laboratory and forms part of the eastern Laboratory boundary (Figures 1.1-1 and 1.1-5).

Pajarito Canyon Watershed

The Pajarito Canyon watershed heads in the Sierra de los Valles (the eastern Jemez Mountains) at Pajarito Mountain at an elevation of 10,441 ft asl and extends approximately 13 mi to the Rio Grande at an elevation of approximately 5410 ft asl (Figures 1.1-1 and 1.1-6). The watershed has a drainage area of 13 mi^2, of which 57% is on Laboratory land, 27% is on USFS land in the Santa Fe National Forest, a small area (0.1%) is on Valles Caldera National Preserve land, and the remaining 16% is on private land or land owned by Los Alamos County. Approximately 58% of the length of Pajarito Canyon, or 8.5 mi, is on Laboratory land between NM 501 (West Jemez Road) and NM 4. The three largest tributaries to Pajarito Canyon are Threemile Canyon, Twomile Canyon, and the south fork of Pajarito Canyon. Threemile Canyon heads in TA-14 and has a length of approximately 3.7 mi and a drainage area of 1.7 mi^2, entirely on Laboratory land. Twomile Canyon heads in the Sierra de los Valles and has a length of approximately 5.8 mi and a drainage area of 3.1 mi^2, 70% on Laboratory land. The south fork of Pajarito Canyon also heads in the Sierra de los Valles and has a length of approximately 2.9 mi and a drainage area of 1.0 mi^2, 37% on Laboratory land.

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 representative or are of questionable representativeness. Wells are assigned to the watch list if site-specific criteria are met. Data examined for the assessment include field parameters associated with samples at the time of collection,

major-ion concentrations, trace-metal concentrations, and detections of organic constituents. The assessments are based on site-specific geochemical criteria. The complete index of watch-list locations can be found in Appendix E of the 2021 and 2022 IFGMPs (N3B 2020, 701041; N3B 2021, 701672).

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 2021 and 2022 IFGMPs (N3B 2020, 701041, N3B 2021, 701672): metals; volatile organic compounds (VOCs); semivolatile organic compounds; low-level 1,4-dioxane; low-level nitrosamines; per- and polyfluoroalkyl substances (PFAS); polychlorinated biphenyls; high explosives; dioxins and furans; radionuclides (including 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. Information provided includes 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

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

3.0 REGULATORY CRITERIA

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

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

- For each individual substance, the lower concentration of 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, 10 times the EPA 1×10^{-6} screening levels are used in the screening process. This report was prepared using the May 2022 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 2021 IFGMP (N3B 2020, 701041) and 2022 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 for 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 lower range of MDLs is below the screening value but the upper portion of the range is above the screening value. Target analytes with MDLs entirely below the screening value are not listed. The analytical method and analytical laboratory are included in the tables for reference.

4.3 Field Parameter Results

Appendix A presents the field parameter measurements associated with the sampling and analytical data reported in this PMR, including DO, flow rate, 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 “continuously” (e.g., hourly, daily) for most monitoring locations, and these data are voluntarily presented in this PMR. Any gaps in the continuous groundwater elevation records presented in this PMR are a result of one or more of the following conditions:

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

Data gaps exist for the following locations:

- CDBO-6: The water was in the well sump for the entire period of record.
- LAO-1.6g: The well does not contain a transducer.
- LAO-3a: The water level dropped below the transducer from April 3, 2022, through June 26, 2022.
- 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 below the transducer for the entire period of record.
- MCO-5: 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 dropped below the transducer on January 19, 2022 through the end of the period of record.
- PAO-2: The site was inaccessible to download; therefore no data are included.
- PAO-7b2: The water level was in the well sump for the entire period of record.
- PAO-8: The water level was below the transducer for the entire period of record.
- R-2: The site was inaccessible to download; therefore no data are included.
- R-19 Screen 3: The well does not contain a transducer.
- R-10 Screen 2: Data are not reported after February 11, 2022, because of a transducer battery failure.
- R-34: Data are not reported from May 13, 2021, through September 22, 2021, because of a transducer battery failure.
- WCO-1r: The water level was 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.

For wells equipped with transducers, the reported groundwater elevation was the first measurement taken each day. Figure 4.4-1 shows the elevation of the regional groundwater surface and flow direction directions from the first day of the PME reported in this PMR. Regional aquifer surface contours are drawn by hand in accordance with the three-point method, 3PE, as described by EPA (https://cfpub.epa.gov/si/si_public_record_report.cfm?dirEntryId=287064&Lab=NRMRL). Adjacent wells are grouped into triplets, and straight lines are drawn connecting them, making a triangle. Using the methods of Heath (https://pubs.usgs.gov/wsp/2220/report.pdf), a gradient vector is calculated for each set of triplets. This assumes that the water table surface is planar, that flow is mostly horizontal, and that there is no pumping or injection. Since these assumptions are not always appropriate, some interpretation is necessary to produce a realistic potentiometric surface. Groundwater flow vectors are perpendicular to the contour lines and point downgradient. These were calculated using the transect tool in QGIS https://docs.qgis.org/3.22/en/docs/.

No perched-intermediate groundwater contours are shown in Figure 4.4-1. However, 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 2021 IFGMP (N3B 2020, 701041) and the 2022 IFGMP (N3B 2021, 701672). 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 2021 and 2022 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 2021 IFGMP (N3B 2020, 701041) and 2022 IFGMP (N3B 2021, 701672).

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 DQOs described below, to qualify the data.

Analytical results meet 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. These multiple results for the same analyte have the same sample ID, analytical laboratory code, and analytical method. Validation determines the more accurate result, which is marked with a best-value flag of “Y” (yes). The other results for that analyte, which were validated to be of lower quality, are assigned a best-value flag of “N” (no). The best-value 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. If aluminum was detected above its screening value in the FD but not in the primary sample, then the FD would be recorded. Figures are generated for analytical results detected at concentrations greater than screening values at more than one location. Figure 5.2-1 shows the highest detected perfluorooctanesulfonic acid (PFOS) concentration during the PMEs addressed in this report. Concentration versus time charts are shown for highlighted exceedances.

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 nine groundwater analytical results were detected at or above applicable screening values. These nine screening value exceedances were for the following seven analytes: filtered arsenic; filtered chloride; unfiltered dibenz(a,h)anthracene; filtered iron; filtered manganese; unfiltered PFOS; and unfiltered perfluorooctanoic acid (PFOA).

5.2.1.1 Springs

- ***Sacred Spring***

  - ❖ For the October 12, 2021, sampling event at Sacred Spring, filtered manganese was detected at 215.0 µg/L. This concentration is above the NMWQCC groundwater standard (screening level) of 200 µg/L.

    The previous range of filtered manganese concentrations detected at Sacred Spring from October 2011 to October 2020 is 35 µg/L to 994 µg/L.

- ***Spring 2***

  - ❖ For the April 20, 2022, sampling event at Spring 2, filtered arsenic was detected at 10 µg/L. This concentration is at the NMWQCC groundwater standard (screening level) of 10 µg/L.

    The previous range of filtered arsenic concentrations detected at Spring 2 from October 2011 to October 2017 is 4.13 µg/L to 10.7 µg/L.

5.2.1.2 Alluvial Monitoring Wells

- ***18-MW-18***

  - ❖ For the April 11, 2022, sampling event at 18-MW-18, filtered chloride was detected at 346.0 mg/L. This concentration is above the NMWQCC groundwater standard (screening level) of 250 mg/L.

    The previous range of filtered chloride at 18-MW-18 from April 2012 to September 2020 is 206 mg/L to 849 mg/L.

- ***LAUZ-1***

  - ❖ For the June 23, 2022, sampling event at LAUZ-1, unfiltered PFOS was detected at 135.0 ng/L. This concentration is above the NMED tap water standard (screening level) for PFOS of 60 ng/L.

    Previously, unfiltered PFOS was detected on June 2021 at 113 ng/L.

  - ❖ For the June 23, 2022, sampling event at LAUZ-1, unfiltered PFOA was detected at 81.6 ng/L, which is above the NMED tap water standard (screening level) for PFOA of 60 ng/L.

    Previously, unfiltered PFOA was detected on June 9, 2021 at 123 ng/L.

- ***PAO-5n***

  - For the June 24, 2022, sampling event at PAO-5n, unfiltered PFOS was detected at 143.0 ng/L. This concentration is above the NMED tap water standard (screening level) for PFOS of 60 ng/L.

    The previous range of unfiltered PFOS from September 2020 to June 2021 is 63.9 ng/L to 124 ng/L.

5.2.1.3 Intermediate Monitoring Wells

- ***03-B-13***

  - For the April 5, 2022, sampling event at 03-B-13, filtered iron was detected at 2170.0 µg/L. This concentration exceeds the NMWQCC standard (screening level) of 1000 µg/L.

    The previous range of filtered iron from July 11, 2011 to April 13, 2021 is 55.2 µg/L to 7170 µg/L.

- ***POI-4***

  - For the June 20, 2022, sampling event at POI-4, unfiltered PFOS was detected at 79.4 ng/L, which exceeds the NMED tap water standard (screening level) for PFOS of 60 ng/L.

    The previous range of unfiltered PFOS from September 2020 to June 2021 is 16.0 ng/L to 40.2 ng/L.

5.2.1.4 Regional Monitoring Wells

- ***R-24***

  - For the June 17, 2022, sampling event at R-24, unfiltered dibenz(a,h)anthracene was detected at 0.318 µg/L, which exceeds the NMED tap water standard (screening level) of 0.0343 µg/L.

    Previously, unfiltered dibenz(a,h)anthracene was not detected.

5.3 Sampling Program Modifications

For MY 2023, at locations where two rounds of PFAS sampling have been successfully performed and no PFAS have been detected, no additional sampling for PFAS will occur. At locations where two rounds of PFAS sampling have not been conducted, or at locations where an NMWQCC regulatory standard was exceeded, or at locations with historical detections of PFAS, PFAS sampling will continue during MY 2023 (N3B 2022, 702346). VOC sampling was moved from annual to biennial at locations where all historical VOCs are below applicable screening levels. R-19 screen 2 sampling of dioxins and furans was removed because there are no historical detections.

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

Nine 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 Alluvial Monitoring Wells

- The unfiltered PFOS concentration (135 ng/L) from the sample collected at LAUZ-1 on June 23, 2022, is greater than the previous maximum concentration detected (113 ng/L) on June 9, 2021.
- The unfiltered PFOA concentration (81.6 ng/L) from the sample collected at LAUZ-1 on June 23, 2022, is less than the previous minimum concentration detected (123 ng/L) on June 9, 2021.
- The unfiltered PFOS concentration (143 ng/L) from the sample collected at PAO-5n on June 24, 2022, is greater than the previous maximum concentration detected (124 ng/L) on September 1, 2020.

6.2.2 Intermediate Monitoring Wells

- The unfiltered PFOS concentration (79.4 ng/L) from the sample collected at POI-4 on June 20, 2022, is greater than the previous maximum concentration detected (40.2 ng/L) on September 8, 2020.

6.3 Data Gaps

Table 2.1-1 summarizes the observations and 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).

N3B (Newport News Nuclear BWXT-Los Alamos, LLC), September 2020. "Interim Facility-Wide Groundwater Monitoring Plan for the 2021 Monitoring Year, October 2020–September 2021, Revision 1," Newport News Nuclear BWXT-Los Alamos, LLC, document EM2020-0404, Los Alamos, New Mexico. (N3B 2020, 701041)

N3B (Newport News Nuclear BWXT-Los Alamos, LLC), September 2021. "Interim Facility-Wide Groundwater Monitoring Plan for the 2022 Monitoring Year, October 2021–September 2022, Revision 1," Newport News Nuclear BWXT-Los Alamos, LLC, document EM2021-0535, Los Alamos, New Mexico. (N3B 2021, 701672)

N3B (Newport News Nuclear BWXT-Los Alamos, LLC), September 2022. "Interim Facility-Wide Groundwater Monitoring Plan for the 2023 Monitoring Year, October 2022–September 2023, Revision 1," Newport News Nuclear BWXT-Los Alamos, LLC, document EM2022-0656, Los Alamos, New Mexico. (N3B 2022, 702346)

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)

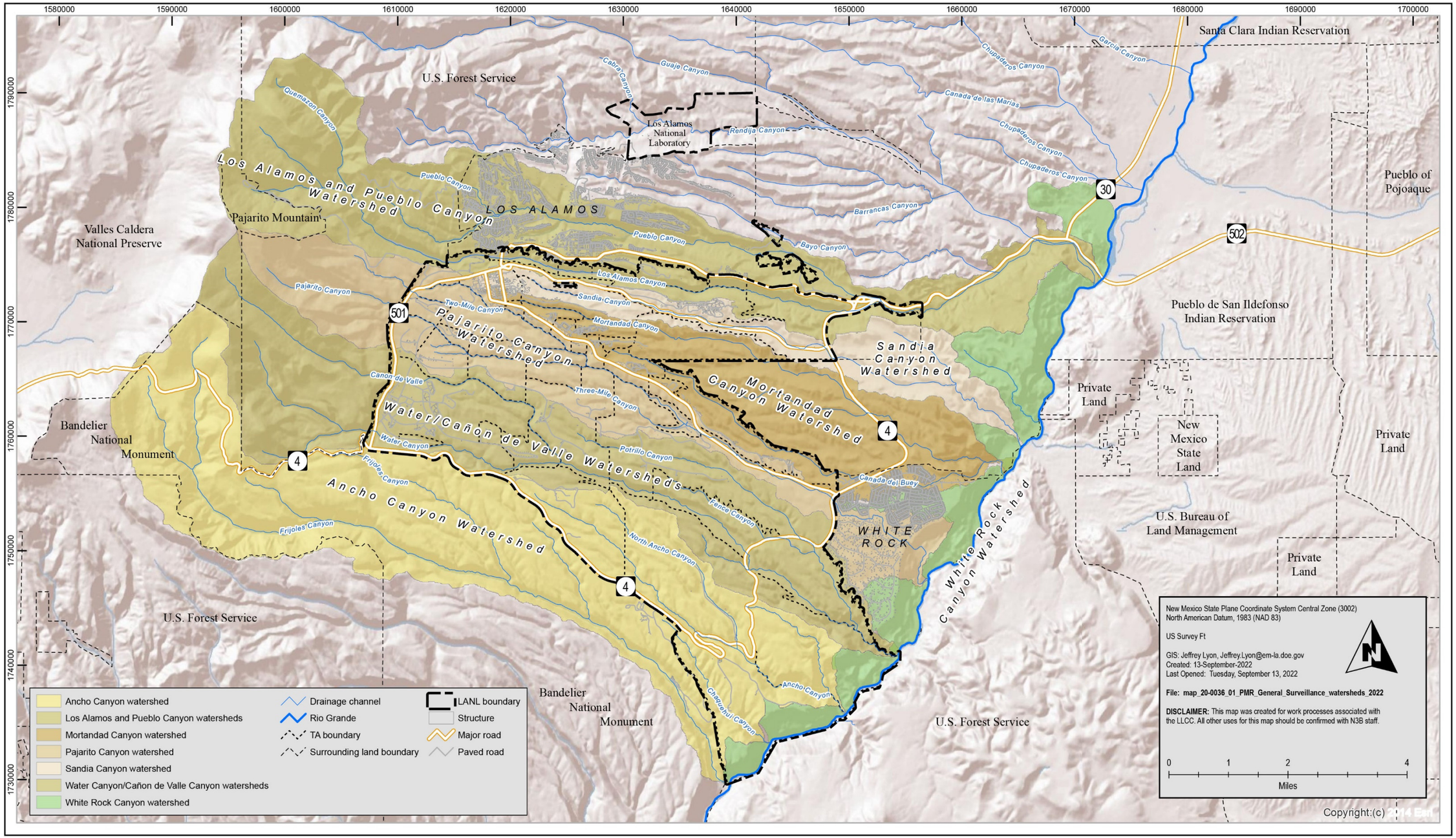


Figure 1.1-1 General Surveillance monitoring group vicinity map

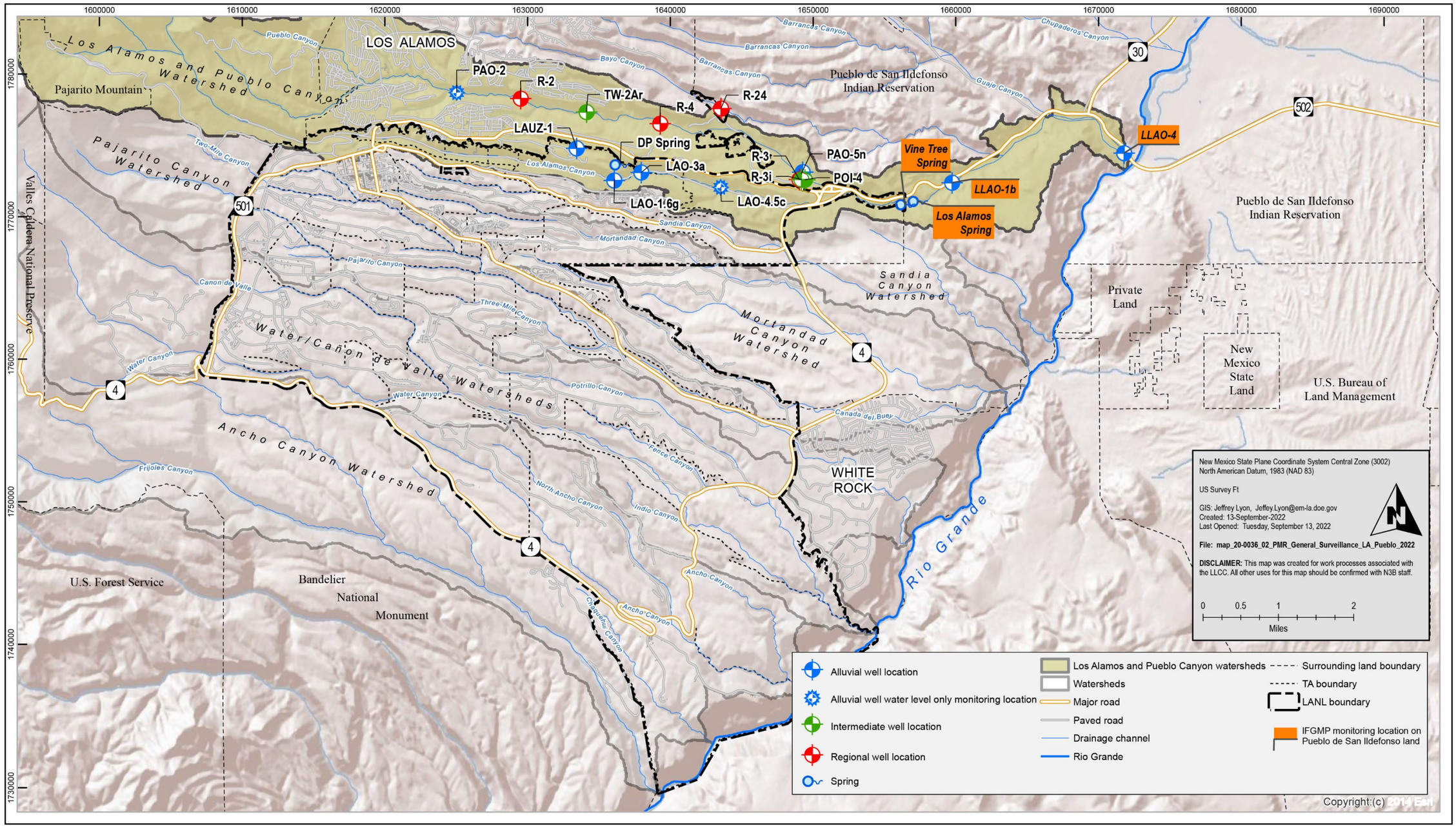


Figure 1.1-2 General Surveillance monitoring group locations in the Los Alamos and Pueblo Canyon watershed

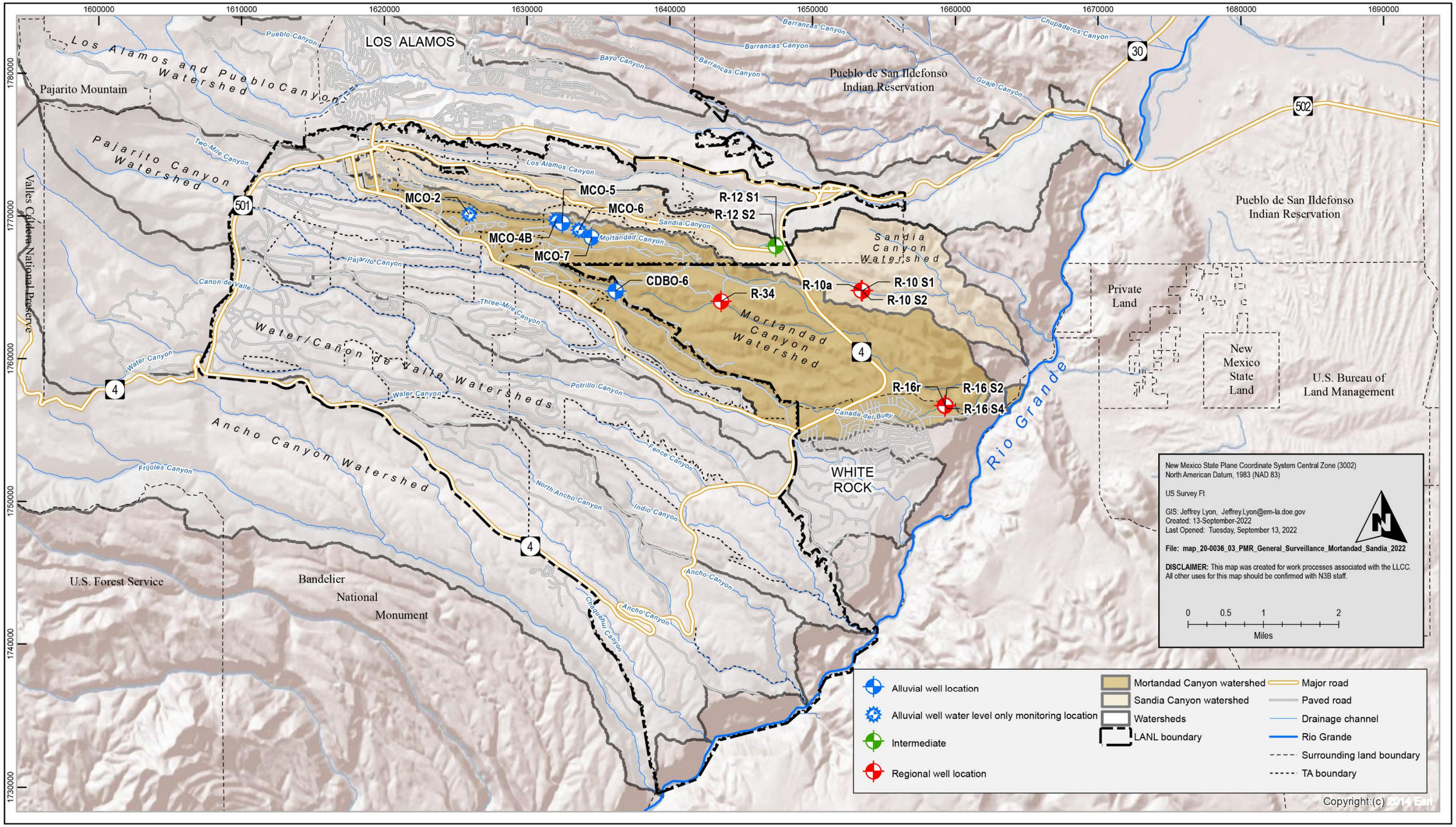


Figure 1.1-3 General Surveillance monitoring group locations in the Mortandad and Sandia Canyon watersheds

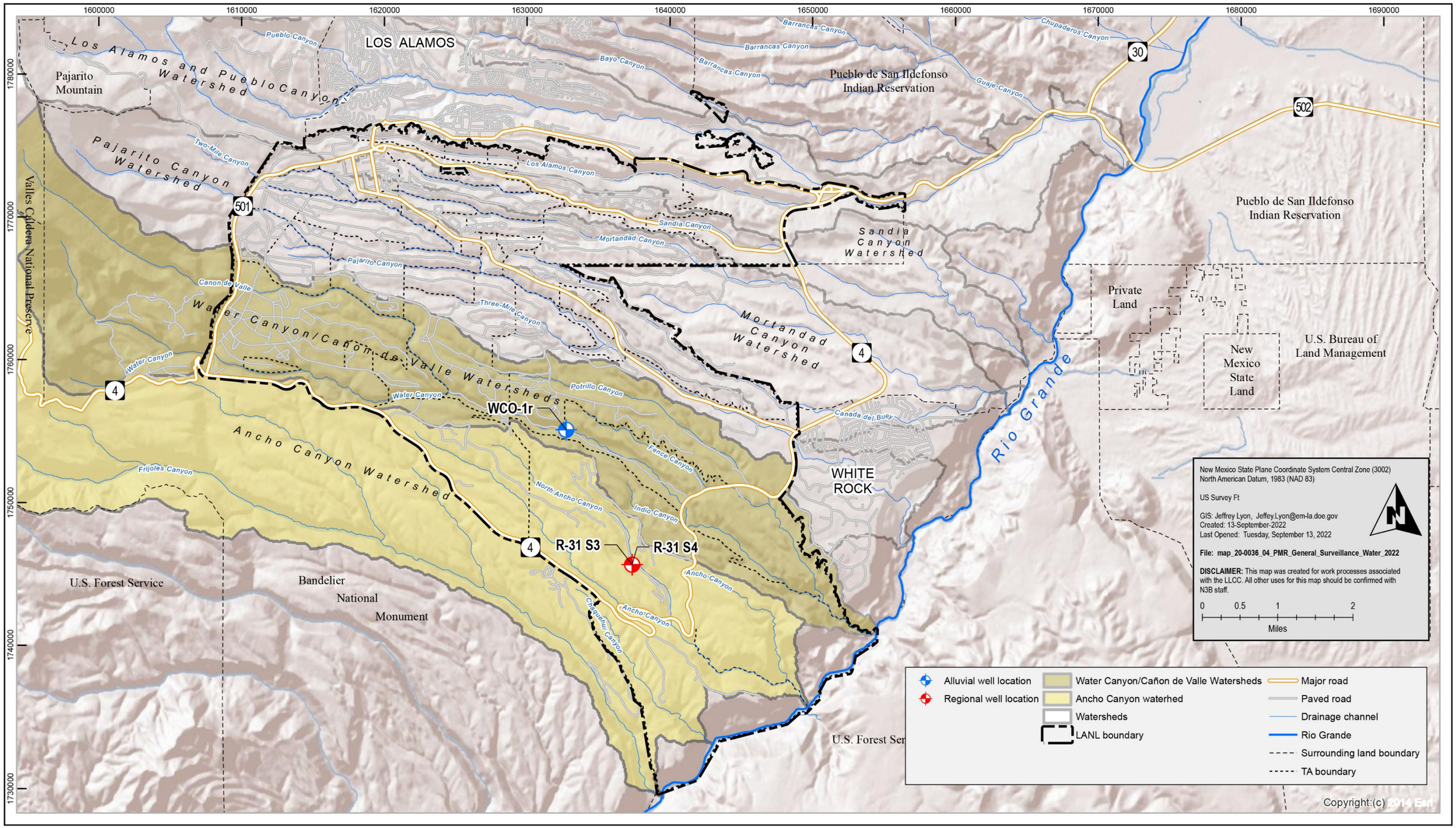


Figure 1.1-4 General Surveillance monitoring group locations in the Water Canyon/Cañon de Valle and Ancho Canyon watersheds

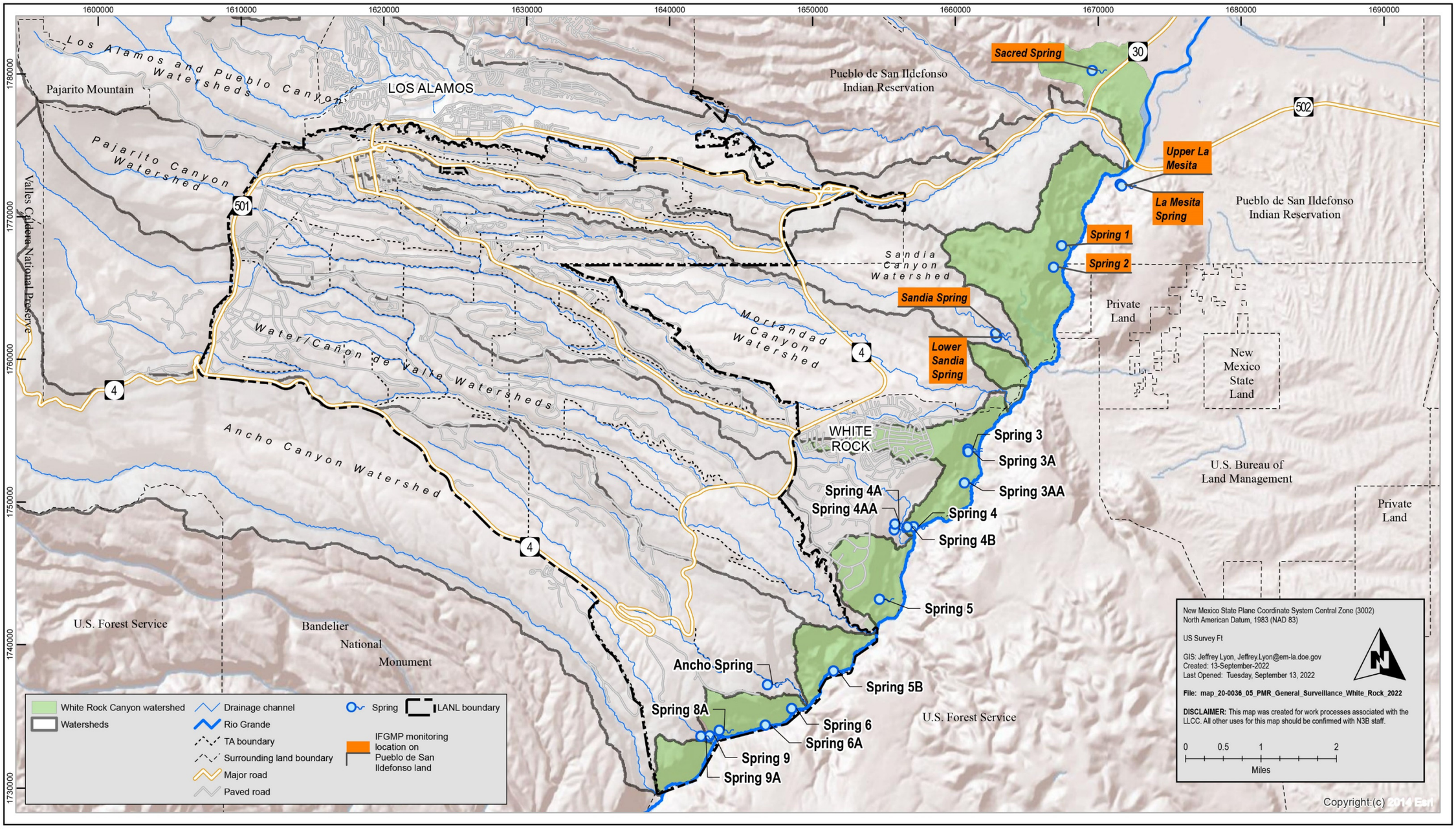


Figure 1.1-5 General Surveillance monitoring group locations in the White Rock Canyon watershed

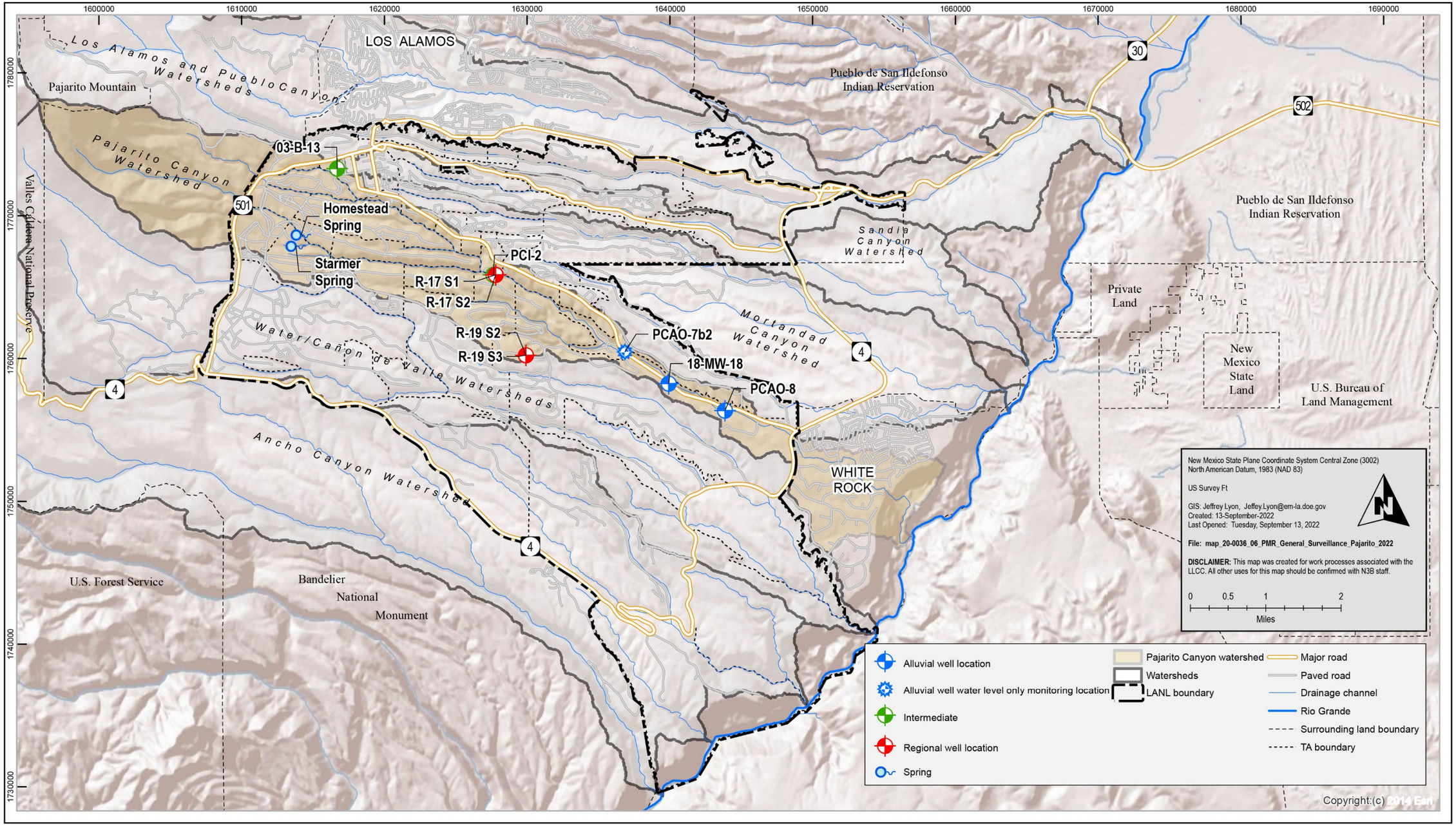
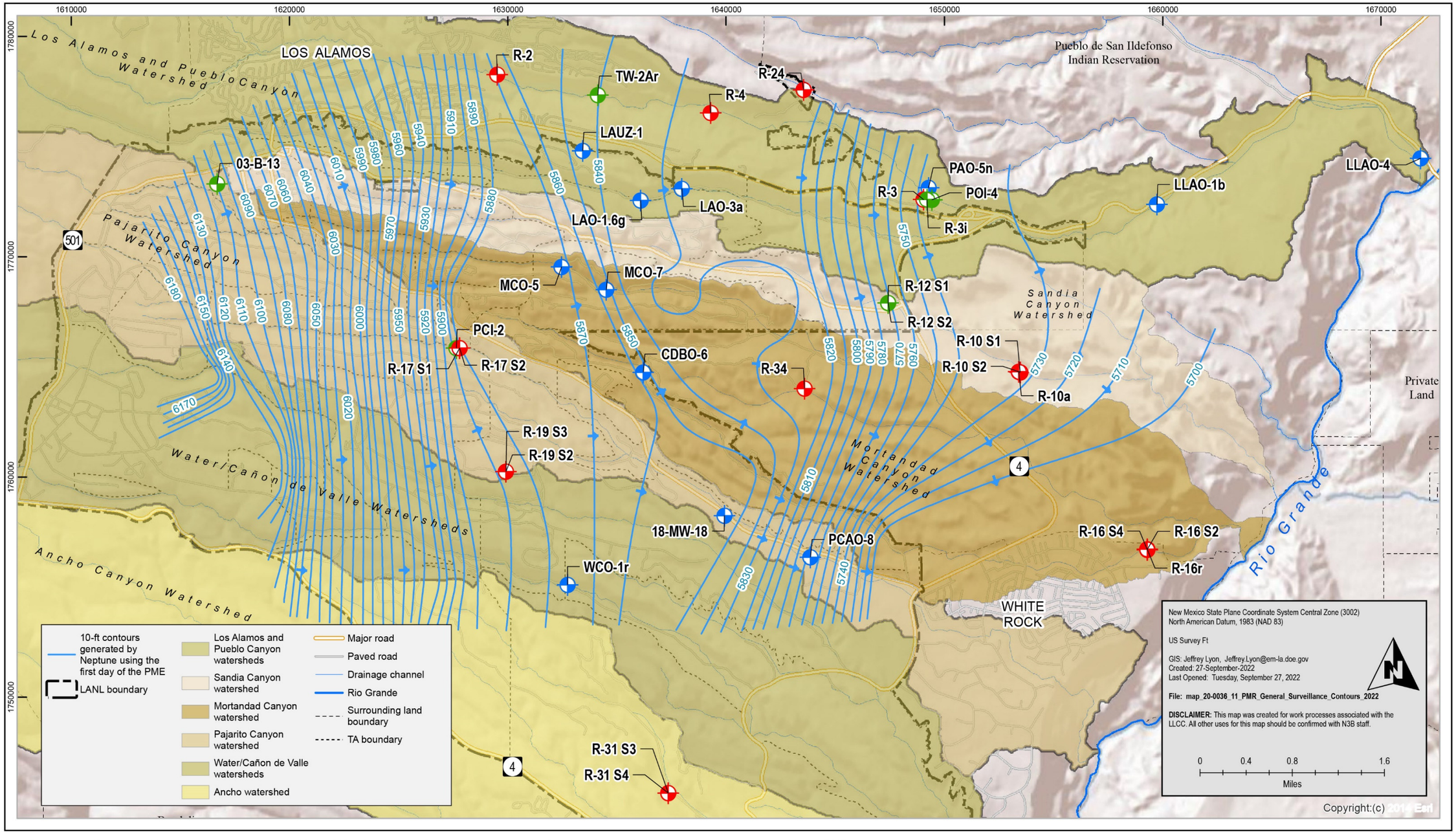
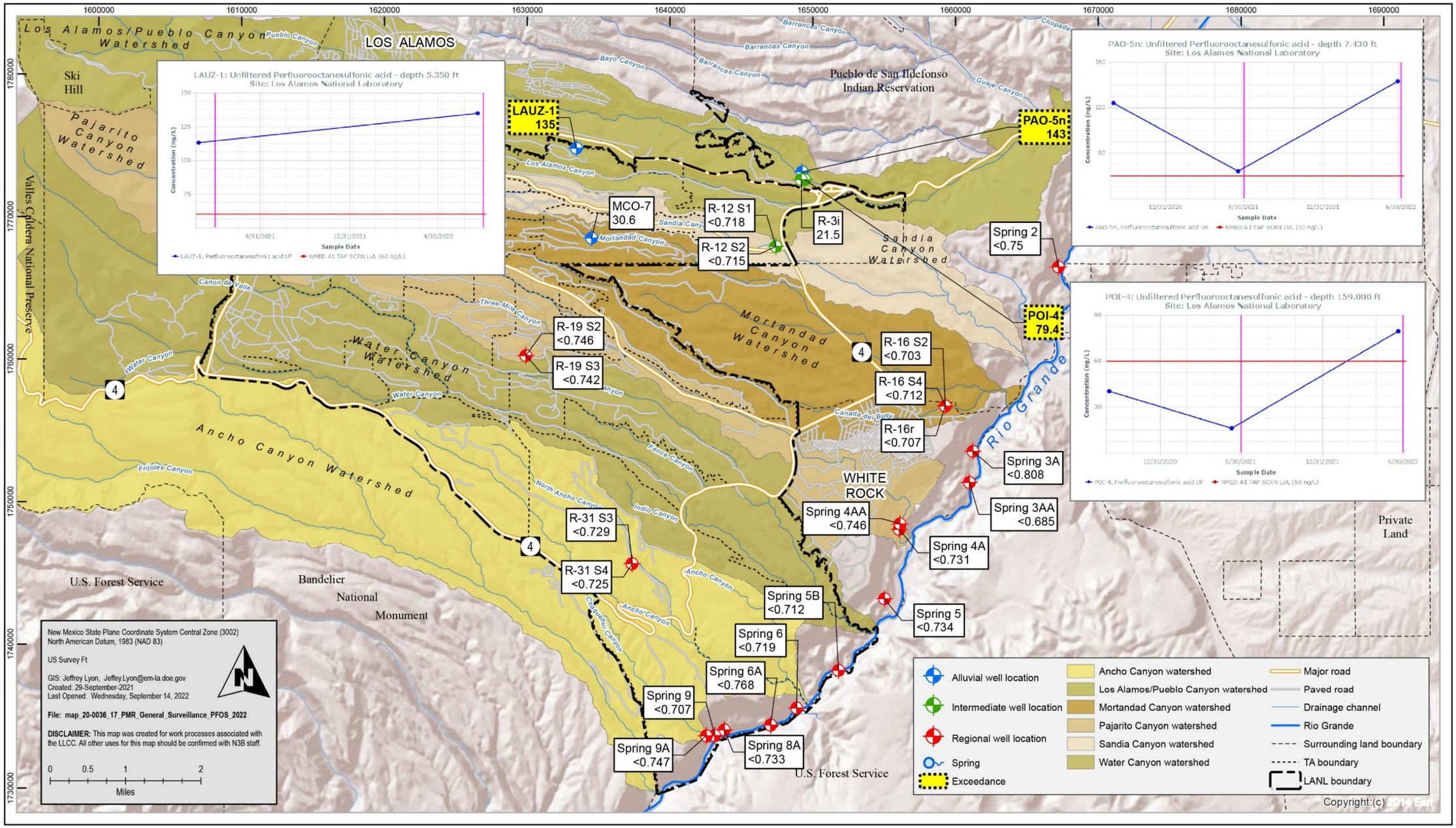


Figure 1.1-6 General Surveillance monitoring group locations in the Pajarito Canyon watershed



Note: Regional aquifer water table contours were generated with ArcGIS using the very first measurement on the first day of the periodic monitoring event 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

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	2022	1	Canceled: insufficient sample available	—[a]	—	—	—	—	—
Lower Sandia Spring	White Rock			Canceled: insufficient sample available	—	—	—	—	—	—
Sacred Spring	White Rock			10/12/2021	—	—	—	—	—	0.31
Spring 1	White Rock			10/07/2021	—	—	—	—	—	0.73
Spring 3	White Rock			10/04/2021	—	—	—	—	—	17.95
Spring 3A	White Rock			10/04/2021	—	—	—	—	—	46.68
Spring 3AA	White Rock			10/04/2021	—	—	—	—	—	0.18
Spring 4	White Rock			10/04/2021	—	—	—	—	—	72.71
Spring 4A	White Rock			10/04/2021	—	—	—	—	—	NC[b]
Spring 4AA	White Rock			10/04/2021	—	—	—	—	—	1.13
Spring 4B	White Rock			Canceled: insufficient sample available	—	—	—	—	—	—
Spring 5	White Rock			10/05/2021	—	—	—	—	—	3.61
Spring 5B	White Rock			10/05/2021	—	—	—	—	—	0.40
Spring 6	White Rock			10/05/2021	—	—	—	—	—	0.62
Spring 6A	White Rock			10/05/2021	—	—	—	—	—	5.01
Spring 8A	White Rock			10/05/2021	—	—	—	—	—	0.67
Spring 9	White Rock			10/05/2021	—	—	—	—	—	0.85
Spring 9A	White Rock			10/05/2021	—	—	—	—	—	NC
Upper La Mesita Spring	White Rock			10/12/2021	—	—	—	—	—	0.40

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							
DP Spring	Los Alamos	2022	3	Canceled: insufficient sample available	—	—	—	—	—	—
Los Alamos Spring	Los Alamos			06/21/2022	—	—	—	—	—	0.63
Vine Tree Spring	Los Alamos			06/21/2022	—	—	—	—	—	4.22
Homestead Spring	Pajarito			04/19/2022	—	—	—	—	—	0.97
Starmer Spring	Pajarito			04/19/2022	—	—	—	—	—	1.27
Spring 2	White Rock			04/20/2022	—	—	—	—	—	0.24
Alluvial Well										
CDBO-6	Mortandad	2021	4	Canceled: site was dry	—	—	—	—	—	—
MCO-5	Mortandad			Canceled: site was dry	—	—	—	—	—	—
MCO-7	Mortandad			07/26/2021	30	39	69	8.95	1.72	0.006
WCO-1r	Water	2022	2	Canceled: insufficient sample available	—	—	—	—	—	—
LAO-1.6g	Los Alamos	2022	3	Canceled: insufficient sample available	—	—	—	—	—	—
LAO-3a	Los Alamos			Canceled: insufficient sample available	—	—	—	—	—	—
LAUZ-1	Los Alamos			06/23/2022	5	5.35	10.35	8.41	9.10	0.13
LLAO-1b	Los Alamos			Canceled: insufficient sample available	—	—	—	—	—	—
LLAO-4	Los Alamos			06/28/2022	10	5.24	15.24	6.60	7.80	0.26
PAO-5n	Pueblo			06/24/2022	5	7.43	12.43	2.76	1.40	0.07
18-MW-18	Pajarito			04/11/2022	10.5	12.5	23	1.17	3.63	0.03
PCAO-8	Pajarito			Canceled: insufficient sample available	—	—	—	—	—	—

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							
Intermediate Well										
R-19 S[c]2	Pajarito	2021	4	09/28/2021	16.3	893.3	909.6	16.90	13.25	0.27
R-12 S1[d]	Sandia			07/23/2021	8	459	467	29.47	90.00	0.74
R-12 S2	Sandia			07/23/2021	3.5	504.5	508	53.77	311.58	11.54
R-19 S2	Pajarito	2022	1	10/27/2021	16.3	893.3	909.6	16.88	11.40	0.19
03-B-13	Pajarito	2022	3	04/05/2022	10	21.5	31.5	1.69	5.20	0.08
PCI-2	Pajarito			04/12/2022	10	512	522	20.29	61.25	0.49
R-19 S2	Pajarito			04/06/2022	16.3	893.3	909.6	16.37	3.00	0.20
POI-4	Pueblo			06/20/2022	15	159	174	8.30	10.80	0.40
R-3i	Pueblo			06/27/2022	4.8	215.2	220	1.71	13.80	0.92
TW-2Ar	Pueblo			06/29/2022	10	102	112	9.05	29.50	0.59
Regional Well										
R-31 S3	Ancho	2021	4	09/20/2021	10	666.3	676.3	45.90	150.00	5.00
R-31 S4	Ancho			09/20/2021	10	826.6	836.6	195.02	660.40	5.08
R-16 S2	Mortandad			07/28/2021	7.5	863.4	870.9	217.85	675.00	5.00
R-16 S4	Mortandad			07/28/2021	7.6	1237.0	1244.6	44.36	200.85	3.09
R-16r	Mortandad			07/28/2021	17.6	600.0	617.6	53.62	183.05	5.23
R-19 S3	Pajarito			09/29/2021	44	85	41	57.36	172.20	4.92
R-34	Mortandad	2022	1	11/05/2021	22.9	883.7	906.7	98.52	308.00	2.80
R-10 S1	Sandia			11/04/2021	23.0	874	897	222.69	681.50	13.63
R-10 S2	Sandia			11/04/2021	23.0	874	897	124.73	391.20	13.04
R-10a	Sandia			11/04/2021	10	690	700	64.89	200.00	5.00
R-17 S1	Pajarito			10/25/2021	23	1057.01	1080.01	49.45	151.20	2.02
R-17 S2	Pajarito			10/25/2021	10	1124.01	1134.01	28.66	89.55	1.99
R-19 S3	Pajarito			10/27/2021	44	85	41	57.36	184.10	5.26

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							
R-31 S3	Ancho	2022	2	02/08/2022	10	666.3	676.3	45.90	180.00	5.00
R-31 S4	Ancho			02/09/2022	10	826.6	836.6	195.02	600.00	5.00
R-17 S1	Pajarito	2022	3	04/18/2022	23	1057.01	1080.01	49.15	150.00	2.00
R-17 S2	Pajarito			04/14/2022	10	1124.01	1134.01	28.66	90.45	2.01
R-19 S3	Pajarito			04/07/2022	44	1171.4	1215.4	56.85	180.95	5.17
R-2	Pueblo			06/30/2022	23.2	906.4	926.60	31.21	95.25	1.27
R-3	Pueblo			06/22/2022	20.5	974.5	995.0	352.26	1080.00	6.00
R-4	Pueblo			06/28/2022	23.1	792.9	816.0	74.30	236.70	5.26
R-24	Pueblo			06/15/2022	23.0	825.0	848.0	115.65	357.60	4.47
R-10a	Sandia			05/06/2022	10	690	700	64.85	200.00	5.00

[a] — = Not applicable.

[b] NC = Not collected.

[c] S = Screen.

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

Table 2.1-1
General Surveillance Monitoring Group PME Observations and Deviations

Sampling Event		Watershed	Monitoring Location	Observation/Deviation	Comment
MY	Quarter				
2021	4	Ancho	R-31 S[a]3	3.27 CVs[b] purged	None
			R-31 S4	3.39 CVs purged	None
		Mortandad	CDBO-6	No field or analytical data will be available for this site.	Canceled because site was dry.
			MCO-5	No field or analytical data will be available for this site.	Canceled because site was dry.
			MCO-7	Limited field analytical data available for this site.	Prioritized suite collected because of lightening stand-down and end of day.
			R-16 S2	3.10 CVs purged	None
			R-16 S4	4.53 CVs purged	Purged additional CVs to reach stability (dissolved oxygen).
			R-16r	3.41 CVs purged	None
		Sandia	R-12 S1	3.05 CVs purged	None
			R-12 S2	5.79 CVs purged	Purged additional CVs to reach stability (dissolved oxygen).
		Pajarito	R-19 S2	0.52 CVs purged	Well was purged dry and sampled after recharge.
		Pajarito	R-19 S3	3.00 CVs purged	None
2022	1	Mortandad	R-34	3.09 CVs purged	None
		Pajarito	R-17 S1	3.06 CVs purged	None
			R-17 S2	3.12 CVs purged	None
			R-19 S2	0.68 CVs purged	Sampled per Attachment 14 of the groundwater sampling SOP.
			R-19 S3	3.21 CVs purged	None
		Sandia	R-10 S1	3.22 CVs purged	None
			R-10 S2	3.14 CVs purged	None
			R-10a	3.08 CVs purged	None

Table 2.1-1 (continued)

Sampling Event		Watershed	Monitoring Location	Observation/Deviation	Comment
MY	Quarter				
2022 (cont.)	1 (cont.)	White Rock	Ancho Spring	Canceled	Insufficient water for sampling
			Lower Sandia Spring	Canceled	Insufficient water for sampling
			Sacred Spring	0.31-gpm flow rate	None
			Spring 1	0.73-gpm flow rate	None
			Spring 3	17.95-gpm flow rate	None
			Spring 3A	46.68-gpm flow rate	None
			Spring 3AA	0.18-gpm flow rate	None
			Spring 4	72.71-gpm flow rate	None
			Spring 4A	Flow rate not collected.	None
			Spring 4AA	1.13-gpm flow rate	None
			Upper La Mesita Spring	0.40-gpm flow rate	None
			Spring 4B	Canceled	Insufficient water for sampling
			Spring 5	3.61-gpm flow rate	None
			Spring 5B	0.40-gpm flow rate	None
			Spring 6	0.62-gpm flow rate	None
			Spring 6A	5.01-gpm flow rate	None
			Spring 8A	0.67-gpm flow rate	None
			Spring 9	0.85-gpm flow rate	None
			Spring 9A	Flow rate not collected.	None
2022	2	Ancho	R-31 S3	3.92 CVs purged	None
			R-31 S4	3.08 CVs purged	None
		Water	WCO-1r	Canceled	Insufficient water for sampling

Table 2.1-1 (continued)

Sampling Event		Watershed	Monitoring Location	Observation/Deviation	Comment
MY	Quarter				
2022	3	Los Alamos	DP Spring	Canceled	Insufficient water for sampling
			LAO-1.6g	Canceled	Insufficient water for sampling
			LAO-3a	Canceled	Insufficient water for sampling
			LAUZ-1	1.08 CVs purged	None
			LLAO-1b	Canceled	Insufficient water for sampling
			LLAO-4	1.18 CVs purged	None
			Los Alamos Spring	0.63-gpm flow rate	None
			Vine Tree Spring	4.22-gpm flow rate	None
		Pajarito	Homestead Spring	0.97-gpm flow rate	None
			PCAO-8	Canceled	Water level in the sump
			PCI-2	3.02 CVs purged	None
			R-17 S1	3.05 CVs purged	None
			R-17 S2	3.16 CVs purged	None
			R-19 S2	0.18 CVs purged	Sampled per Attachment 14 of the groundwater sampling SOP.
			R-19 S3	3.18 CVs purged	None
			Starmer Spring	1.27-gpm flow rate	None
			03-B-13	3.02 CVs purged	None
			18-MW-18	3.03 CVs purged	Additional purging to reach stability
		Pueblo	PAO-5n	Limited field analytical data available for this site.	Prioritized suite collected because of limited available water.
			POI-4	0.96 CVs purged	Well purged dry. Sampled after recharge.
			R-2	3.05 CVs purged	None
			R-24	3.09 CVs purged	None
			R-3	3.07 CVs purged	None
			R-3i	8.07 CVs purged	Extra CVs purged due to miscalculation.
			R-4	3.19 CVs purged	None
			TW-2Ar	3.26 CVs purged	None

Table 2.1-1 (continued)

Sampling Event		Watershed	Monitoring Location	Observation/Deviation	Comment
MY	Quarter				
2022 (cont.)	3 (cont.)	Sandia	R-10a	3.08 CVs purged	None
		White Rock	Spring 2	0.24-gpm flow rate	None

[a] S = Screen.

[b] CVs = Casing volumes.

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						
Azobenzene	2.91–3.1	SW-846:8270D	1.2	µg/L	EPA TAP SCRN LVL[a]	GELC[b]
Azobenzene	2.9–3.31	SW-846:8270E	1.2	µg/L	EPA TAP SCRN LVL	GELC
Benzidine	3.78–4.03	SW-846:8270D	0.00109	µg/L	NMED A1 TAP SCRN LVL[c]	GELC
Benzidine	3.78–4.31	SW-846:8270E	0.00109	µg/L	NMED A1 TAP SCRN LVL	GELC
Benzo(a)anthracene	0.291–0.31	SW-846:8270D	0.12	µg/L	NMED A1 TAP SCRN LVL	GELC
Benzo(a)anthracene	0.29–0.331	SW-846:8270E	0.12	µg/L	NMED A1 TAP SCRN LVL	GELC
Benzo(a)pyrene	0.291–0.31	SW-846:8270D	0.2	µg/L	NM GW STD[d]	GELC
Benzo(a)pyrene	0.29–0.331	SW-846:8270E	0.2	µg/L	NM GW STD	GELC
Bis(2-chloroethyl)ether	2.91–3.1	SW-846:8270D	0.137	µg/L	NMED A1 TAP SCRN LVL	GELC
Bis(2-chloroethyl)ether	2.9–3.31	SW-846:8270E	0.137	µg/L	NMED A1 TAP SCRN LVL	GELC
Dibenz(a,h)anthracene	0.15–0.313	SW-846:8270D	0.0343	µg/L	NMED A1 TAP SCRN LVL	GELC
Dibenz(a,h)anthracene	0.29–0.331	SW-846:8270E	0.0343	µg/L	NMED A1 TAP SCRN LVL	GELC
Dichlorobenzidine[3,3'-]	2.91–3.1	SW-846:8270D	1.25	µg/L	NMED A1 TAP SCRN LVL	GELC
Dichlorobenzidine[3,3'-]	2.9–3.31	SW-846:8270E	1.25	µg/L	NMED A1 TAP SCRN LVL	GELC
Dinitro-2-methylphenol[4,6-]	2.91–3.1	SW-846:8270D	1.52	µg/L	NMED A1 TAP SCRN LVL	GELC
Dinitro-2-methylphenol[4,6-]	2.9–3.31	SW-846:8270E	1.52	µg/L	NMED A1 TAP SCRN LVL	GELC
Dinitrotoluene[2,4-]	2.91–3.1	SW-846:8270D	2.37	µg/L	NMED A1 TAP SCRN LVL	GELC
Dinitrotoluene[2,4-]	2.9–3.31	SW-846:8270E	2.37	µg/L	NMED A1 TAP SCRN LVL	GELC
Dinitrotoluene[2,6-]	2.91–3.1	SW-846:8270D	0.485	µg/L	NMED A1 TAP SCRN LVL	GELC
Dinitrotoluene[2,6-]	2.9–3.31	SW-846:8270E	0.485	µg/L	NMED A1 TAP SCRN LVL	GELC
Hexachlorobenzene	2.91–3.1	SW-846:8270D	1	µg/L	EPA MCL[e]	GELC
Hexachlorobenzene	2.9–3.31	SW-846:8270E	1	µg/L	EPA MCL	GELC

Table 4.2-1 (continued)

Analyte Name	MDL	Analytical Method	Screening Value	Unit	Screening-Value Type	Lab ID
Hexachlorobutadiene	2.91–3.1	SW-846:8270D	1.39	µg/L	NMED A1 TAP SCRN LVL	GELC
Hexachlorobutadiene	2.9–3.31	SW-846:8270E	1.39	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrobenzene	2.91–3.1	SW-846:8270D	1.4	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrobenzene	2.9–3.31	SW-846:8270E	1.4	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitroso-di-n-butylamine[N-]	2.91–3.1	SW-846:8270D	0.0273	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitroso-di-n-butylamine[N-]	2.9–3.31	SW-846:8270E	0.0273	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitroso-di-n-propylamine[N-]	2.91–3.1	SW-846:8270D	0.11	µg/L	EPA TAP SCRN LVL	GELC
Nitroso-di-n-propylamine[N-]	2.9–3.31	SW-846:8270E	0.11	µg/L	EPA TAP SCRN LVL	GELC
Nitrosodiethylamine[N-]	2.91–3.1	SW-846:8270D	0.00167	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrosodiethylamine[N-]	2.9–3.31	SW-846:8270E	0.00167	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrosodimethylamine[N-]	2.91–3.1	SW-846:8270D	0.00491	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrosodimethylamine[N-]	2.9–3.31	SW-846:8270E	0.00491	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrosopyrrolidine[N-]	2.91–3.1	SW-846:8270D	0.37	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrosopyrrolidine[N-]	2.9–3.31	SW-846:8270E	0.37	µg/L	NMED A1 TAP SCRN LVL	GELC
Pentachlorophenol	2.91–3.1	SW-846:8270D	1	µg/L	NM GW STD	GELC
Pentachlorophenol	2.9–3.31	SW-846:8270E	1	µg/L	NM GW STD	GELC
Tetrachlorobenzene[1,2,4,5]	2.91–3.1	SW-846:8270D	1.66	µg/L	NMED A1 TAP SCRN LVL	GELC
Tetrachlorobenzene[1,2,4,5]	2.9–3.31	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

Table 4.2-1 (continued)

Analyte Name	MDL	Analytical Method	Screening Value	Unit	Screening-Value Type	Lab ID
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-]	0.00000385	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] EPA TAP SCRN LVL = EPA screening level for tap water.

[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] NM GW STD = NMWQCC groundwater standard.

[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 MDLs Below Screening Values

Analyte Name	MDL	Analytical Method	Screening Value	Unit	Screening Value Type	Lab ID
Semivolatile Organic Compounds						
Atrazine	2.91–3.1	SW-846:8270D	3	µg/L	NM GW STD[a]	GELC[b]
Atrazine	2.9–3.31	SW-846:8270E	3	µg/L	NM GW STD	GELC
Hexachloroethane	2.9–3.31	SW-846:8270E	3.28	µg/L	NMED A1 TAP SCRN LVL[c]	GELC
Pentachlorobenzene	2.91–3.1	SW-846:8270D	3.07	µg/L	NMED A1 TAP SCRN LVL	GELC
Pentachlorobenzene	2.9–3.31	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.

Table 5.2-1
General Surveillance Monitoring Group Results Above Screening Values

Location	Watershed	Sampling Event		Sample Collection Date	Analyte	Field Prep Code	Result	Unit	Screening Value	Screening Value Source
		MY	Quarter							
Springs										
Sacred Spring	White Rock	22	1	10/12/2021	Manganese	F[a]	215.0	µg/L	200	NM GW STD[b]
Spring 2	White Rock	22	3	04/20/2022	Arsenic	F	10	µg/L	10	NM GW STD
Alluvial Wells										
18-MW-18	Pajarito	22	3	04/11/2022	Chloride	F	346.0	mg/L	250	NM GW STD
LAUZ-1	Los Alamos	22	3	06/23/2022	PFOS	UF[c]	135.0	ng/L	60	NMED A1 TAP SCRN LVL[d]
LAUZ-1	Los Alamos	22	3	06/23/2022	PFOA	UF	81.6	ng/L	60	NMED A1 TAP SCRN LVL
PAO-5n	Pueblo	22	3	06/24/2022	PFOS	UF	143.0	ng/L	60	NMED A1 TAP SCRN LVL
Intermediate Wells										
03-B-13	Pajarito	22	3	04/05/2022	Iron	F	2170.0	µg/L	1000	NM GW STD
POI-4	Pueblo	22	3	06/20/2022	PFOS	UF	79.4	ng/L	60	NMED A1 TAP SCRN LVL
Regional Wells										
R-24	Pueblo	22	3	06/17/2022	Dibenz(a,h)anthracene	UF	0.318	µg/L	0.0343	NMED A1 TAP SCRN LVL

[a] F = Filtered.

[b] NM GW STD = NMWQCC groundwater standard.

[c] UF = Unfiltered.

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

Appendix A

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

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
03-B-13	21.5	04/05/2022	WG[a]	Dissolved Oxygen	1.59	mg/L	CAPA-22-248748
03-B-13	21.5	04/13/2021	WG	Dissolved Oxygen	1.4	mg/L	CAPA-21-221769
03-B-13	21.5	09/14/2020	WG	Dissolved Oxygen	2.11	mg/L	CAPA-20-206517
03-B-13	21.5	10/28/2019	WG	Dissolved Oxygen	4.16	mg/L	CAPA-20-188572
03-B-13	21.5	04/16/2019	WG	Dissolved Oxygen	1.26	mg/L	CAPA-19-171717
03-B-13	21.5	04/05/2022	WG	Flow	0.08	gpm[b]	CAPA-22-248748
03-B-13	21.5	04/13/2021	WG	Flow	0.06	gpm	CAPA-21-221769
03-B-13	21.5	09/14/2020	WG	Flow	0.09	gpm	CAPA-20-206517
03-B-13	21.5	04/16/2019	WG	Flow	0.09	gpm	CAPA-19-171717
03-B-13	21.5	10/31/2018	WG	Flow	0.09	gpm	CAPA-19-163690
03-B-13	21.5	04/05/2022	WG	Oxidation-Reduction Potential	-27.6	mV	CAPA-22-248748
03-B-13	21.5	04/13/2021	WG	Oxidation-Reduction Potential	221.7	mV	CAPA-21-221769
03-B-13	21.5	09/14/2020	WG	Oxidation-Reduction Potential	245.5	mV	CAPA-20-206517
03-B-13	21.5	10/28/2019	WG	Oxidation-Reduction Potential	48	mV	CAPA-20-188572
03-B-13	21.5	04/16/2019	WG	Oxidation-Reduction Potential	202.9	mV	CAPA-19-171717
03-B-13	21.5	04/05/2022	WG	pH	5.52	SU[c]	CAPA-22-248748
03-B-13	21.5	04/13/2021	WG	pH	5.54	SU	CAPA-21-221769
03-B-13	21.5	09/14/2020	WG	pH	5.53	SU	CAPA-20-206517
03-B-13	21.5	10/28/2019	WG	pH	6.34	SU	CAPA-20-188572
03-B-13	21.5	04/16/2019	WG	pH	5.98	SU	CAPA-19-171717
03-B-13	21.5	04/05/2022	WG	Specific Conductance	220	µS/cm	CAPA-22-248748
03-B-13	21.5	04/13/2021	WG	Specific Conductance	301.4	µS/cm	CAPA-21-221769
03-B-13	21.5	09/14/2020	WG	Specific Conductance	302.2	µS/cm	CAPA-20-206517
03-B-13	21.5	10/28/2019	WG	Specific Conductance	263.4	µS/cm	CAPA-20-188572
03-B-13	21.5	04/16/2019	WG	Specific Conductance	914	µS/cm	CAPA-19-171717
03-B-13	21.5	04/05/2022	WG	Temperature	14.3	deg C	CAPA-22-248748
03-B-13	21.5	04/13/2021	WG	Temperature	13.7	deg C	CAPA-21-221769

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
03-B-13	21.5	09/14/2020	WG	Temperature	14.4	deg C	CAPA-20-206517
03-B-13	21.5	10/28/2019	WG	Temperature	13.1	deg C	CAPA-20-188572
03-B-13	21.5	04/16/2019	WG	Temperature	14.5	deg C	CAPA-19-171717
03-B-13	21.5	04/05/2022	WG	Turbidity	25.8	NTU[d]	CAPA-22-248748
03-B-13	21.5	04/13/2021	WG	Turbidity	8.37	NTU	CAPA-21-221769
03-B-13	21.5	09/14/2020	WG	Turbidity	54.14	NTU	CAPA-20-206517
03-B-13	21.5	10/28/2019	WG	Turbidity	1989.85	NTU	CAPA-20-188572
03-B-13	21.5	04/16/2019	WG	Turbidity	6.84	NTU	CAPA-19-171717
18-MW-18	12.5	04/11/2022	WG	Dissolved Oxygen	4.65	mg/L	CAPA-22-248744
18-MW-18	12.5	04/12/2021	WG	Dissolved Oxygen	5	mg/L	CAPA-21-221763
18-MW-18	12.5	09/16/2020	WG	Dissolved Oxygen	5.47	mg/L	CAPA-20-206513
18-MW-18	12.5	10/31/2019	WG	Dissolved Oxygen	6.73	mg/L	CAPA-20-188570
18-MW-18	12.5	04/17/2019	WG	Dissolved Oxygen	8.05	mg/L	CAPA-19-171710
18-MW-18	12.5	04/11/2022	WG	Flow	0.03	gpm	CAPA-22-248744
18-MW-18	12.5	04/12/2021	WG	Flow	0.03	gpm	CAPA-21-221763
18-MW-18	12.5	09/16/2020	WG	Flow	0.22	gpm	CAPA-20-206513
18-MW-18	12.5	10/31/2019	WG	Flow	0.25	gpm	CAPA-20-188570
18-MW-18	12.5	04/17/2019	WG	Flow	0.24	gpm	CAPA-19-171710
18-MW-18	12.5	04/11/2022	WG	Oxidation-Reduction Potential	272.6	mV	CAPA-22-248744
18-MW-18	12.5	04/12/2021	WG	Oxidation-Reduction Potential	252.2	mV	CAPA-21-221763
18-MW-18	12.5	09/16/2020	WG	Oxidation-Reduction Potential	205.2	mV	CAPA-20-206513
18-MW-18	12.5	10/31/2019	WG	Oxidation-Reduction Potential	177.9	mV	CAPA-20-188570
18-MW-18	12.5	04/17/2019	WG	Oxidation-Reduction Potential	217.1	mV	CAPA-19-171710
18-MW-18	12.5	04/11/2022	WG	pH	6.28	SU	CAPA-22-248744
18-MW-18	12.5	04/12/2021	WG	pH	5.94	SU	CAPA-21-221763
18-MW-18	12.5	09/16/2020	WG	pH	6.47	SU	CAPA-20-206513
18-MW-18	12.5	10/31/2019	WG	pH	6.61	SU	CAPA-20-188570

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
18-MW-18	12.5	04/17/2019	WG	pH	6.71	SU	CAPA-19-171710
18-MW-18	12.5	04/11/2022	WG	Specific Conductance	1300	µS/cm	CAPA-22-248744
18-MW-18	12.5	04/12/2021	WG	Specific Conductance	1210	µS/cm	CAPA-21-221763
18-MW-18	12.5	09/16/2020	WG	Specific Conductance	1339	µS/cm	CAPA-20-206513
18-MW-18	12.5	10/31/2019	WG	Specific Conductance	980	µS/cm	CAPA-20-188570
18-MW-18	12.5	04/17/2019	WG	Specific Conductance	2950	µS/cm	CAPA-19-171710
18-MW-18	12.5	04/11/2022	WG	Temperature	13.7	deg C	CAPA-22-248744
18-MW-18	12.5	04/12/2021	WG	Temperature	12	deg C	CAPA-21-221763
18-MW-18	12.5	09/16/2020	WG	Temperature	16.2	deg C	CAPA-20-206513
18-MW-18	12.5	10/31/2019	WG	Temperature	16	deg C	CAPA-20-188570
18-MW-18	12.5	04/17/2019	WG	Temperature	11.8	deg C	CAPA-19-171710
18-MW-18	12.5	04/11/2022	WG	Turbidity	5.1	NTU	CAPA-22-248744
18-MW-18	12.5	04/12/2021	WG	Turbidity	5.09	NTU	CAPA-21-221763
18-MW-18	12.5	09/16/2020	WG	Turbidity	105.72	NTU	CAPA-20-206513
18-MW-18	12.5	10/31/2019	WG	Turbidity	4.76	NTU	CAPA-20-188570
18-MW-18	12.5	04/17/2019	WG	Turbidity	5.64	NTU	CAPA-19-171710
LAUZ-1	5.4	06/23/2022	WG	Dissolved Oxygen	3.7	mg/L	CALA-22-250815
LAUZ-1	5.4	06/09/2021	WG	Dissolved Oxygen	0.16	mg/L	CALA-21-229553
LAUZ-1	5.4	06/19/2019	WG	Dissolved Oxygen	0.28	mg/L	CALA-19-181497
LAUZ-1	5.4	09/21/2018	WG	Dissolved Oxygen	0.05	mg/L	CALA-18-163049
LAUZ-1	5.4	03/14/2011	WG	Dissolved Oxygen	1.32	mg/L	CALA-11-5246
LAUZ-1	5.4	06/23/2022	WG	Flow	0.14	gpm	CALA-22-250815
LAUZ-1	5.4	06/09/2021	WG	Flow	0.14	gpm	CALA-21-229553
LAUZ-1	5.4	06/19/2019	WG	Flow	0.2	gpm	CALA-19-181497
LAUZ-1	5.4	09/21/2018	WG	Flow	0.265	gpm	CALA-18-163049
LAUZ-1	5.4	06/23/2022	WG	Oxidation-Reduction Potential	91	mV	CALA-22-250815
LAUZ-1	5.4	06/09/2021	WG	Oxidation-Reduction Potential	216.1	mV	CALA-21-229553

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
LAUZ-1	5.4	06/19/2019	WG	Oxidation-Reduction Potential	93.3	mV	CALA-19-181497
LAUZ-1	5.4	09/21/2018	WG	Oxidation-Reduction Potential	113.6	mV	CALA-18-163049
LAUZ-1	5.4	03/14/2011	WG	Oxidation-Reduction Potential	151.4	mV	CALA-11-5246
LAUZ-1	5.4	06/23/2022	WG	pH	6.57	SU	CALA-22-250815
LAUZ-1	5.4	06/09/2021	WG	pH	6.41	SU	CALA-21-229553
LAUZ-1	5.4	06/19/2019	WG	pH	6.33	SU	CALA-19-181497
LAUZ-1	5.4	09/21/2018	WG	pH	6.37	SU	CALA-18-163049
LAUZ-1	5.4	03/14/2011	WG	pH	6.47	SU	CALA-11-5246
LAUZ-1	5.4	06/23/2022	WG	Specific Conductance	684	µS/cm	CALA-22-250815
LAUZ-1	5.4	06/09/2021	WG	Specific Conductance	1411	µS/cm	CALA-21-229553
LAUZ-1	5.4	06/19/2019	WG	Specific Conductance	1316	µS/cm	CALA-19-181497
LAUZ-1	5.4	09/21/2018	WG	Specific Conductance	473.6	µS/cm	CALA-18-163049
LAUZ-1	5.4	03/14/2011	WG	Specific Conductance	1415	µS/cm	CALA-11-5246
LAUZ-1	5.4	06/23/2022	WG	Temperature	11.1	deg C	CALA-22-250815
LAUZ-1	5.4	06/09/2021	WG	Temperature	8.8	deg C	CALA-21-229553
LAUZ-1	5.4	06/19/2019	WG	Temperature	9.3	deg C	CALA-19-181497
LAUZ-1	5.4	09/21/2018	WG	Temperature	16	deg C	CALA-18-163049
LAUZ-1	5.4	03/14/2011	WG	Temperature	6.15	deg C	CALA-11-5246
LAUZ-1	5.4	06/23/2022	WG	Turbidity	101.29	NTU	CALA-22-250815
LAUZ-1	5.4	06/09/2021	WG	Turbidity	8.03	NTU	CALA-21-229553
LAUZ-1	5.4	06/19/2019	WG	Turbidity	2.47	NTU	CALA-19-181497
LAUZ-1	5.4	09/21/2018	WG	Turbidity	2.2	NTU	CALA-18-163049
LAUZ-1	5.4	03/14/2011	WG	Turbidity	1.5	NTU	CALA-11-5246
LLAO-4	5.2	06/28/2022	WG	Dissolved Oxygen	4.47	mg/L	CALA-22-250821
LLAO-4	5.2	09/03/2020	WG	Dissolved Oxygen	4.75	mg/L	CALA-20-206432
LLAO-4	5.2	06/18/2019	WG	Dissolved Oxygen	0.9	mg/L	CALA-19-181491
LLAO-4	5.2	06/19/2018	WG	Dissolved Oxygen	3.72	mg/L	CALA-18-65

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
LLAO-4	5.2	12/13/2017	WG	Dissolved Oxygen	3.91	mg/L	CALA-18-148963
LLAO-4	5.2	06/28/2022	WG	Flow	0.26	gpm	CALA-22-250821
LLAO-4	5.2	09/03/2020	WG	Flow	0.24	gpm	CALA-20-206432
LLAO-4	5.2	06/18/2019	WG	Flow	0.28	gpm	CALA-19-181491
LLAO-4	5.2	06/28/2022	WG	Oxidation-Reduction Potential	204.2	mV	CALA-22-250821
LLAO-4	5.2	09/03/2020	WG	Oxidation-Reduction Potential	214.1	mV	CALA-20-206432
LLAO-4	5.2	06/18/2019	WG	Oxidation-Reduction Potential	188.5	mV	CALA-19-181491
LLAO-4	5.2	06/19/2018	WG	Oxidation-Reduction Potential	186.4	mV	CALA-18-65
LLAO-4	5.2	12/13/2017	WG	Oxidation-Reduction Potential	197	mV	CALA-18-148963
LLAO-4	5.2	06/28/2022	WG	pH	6.96	SU	CALA-22-250821
LLAO-4	5.2	09/03/2020	WG	pH	7.01	SU	CALA-20-206432
LLAO-4	5.2	06/18/2019	WG	pH	6.9	SU	CALA-19-181491
LLAO-4	5.2	06/19/2018	WG	pH	6.79	SU	CALA-18-65
LLAO-4	5.2	12/13/2017	WG	pH	6.86	SU	CALA-18-148963
LLAO-4	5.2	06/28/2022	WG	Specific Conductance	390.6	µS/cm	CALA-22-250821
LLAO-4	5.2	09/03/2020	WG	Specific Conductance	462.9	µS/cm	CALA-20-206432
LLAO-4	5.2	06/18/2019	WG	Specific Conductance	570	µS/cm	CALA-19-181491
LLAO-4	5.2	06/19/2018	WG	Specific Conductance	431.4	µS/cm	CALA-18-65
LLAO-4	5.2	12/13/2017	WG	Specific Conductance	443.3	µS/cm	CALA-18-148963
LLAO-4	5.2	06/28/2022	WG	Temperature	14.1	deg C	CALA-22-250821
LLAO-4	5.2	09/03/2020	WG	Temperature	15.6	deg C	CALA-20-206432
LLAO-4	5.2	06/18/2019	WG	Temperature	13.5	deg C	CALA-19-181491
LLAO-4	5.2	06/19/2018	WG	Temperature	13.8	deg C	CALA-18-65
LLAO-4	5.2	12/13/2017	WG	Temperature	14.6	deg C	CALA-18-148963
LLAO-4	5.2	06/28/2022	WG	Turbidity	2.04	NTU	CALA-22-250821
LLAO-4	5.2	09/03/2020	WG	Turbidity	1.66	NTU	CALA-20-206432
LLAO-4	5.2	06/18/2019	WG	Turbidity	1.46	NTU	CALA-19-181491

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
LLAO-4	5.2	06/19/2018	WG	Turbidity	0.38	NTU	CALA-18-65
LLAO-4	5.2	12/13/2017	WG	Turbidity	0.4	NTU	CALA-18-148963
Los Alamos Spring	0.0	06/21/2022	WG	Dissolved Oxygen	8.37	mg/L	CALA-22-250801
Los Alamos Spring	0.0	06/08/2021	WG	Dissolved Oxygen	8.25	mg/L	CALA-21-229522
Los Alamos Spring	0.0	09/09/2020	WG	Dissolved Oxygen	8.61	mg/L	CALA-20-206423
Los Alamos Spring	0.0	05/28/2015	WG	Dissolved Oxygen	8.31	mg/L	CALA-15-97427
Los Alamos Spring	0.0	04/10/2012	WG	Dissolved Oxygen	8.75	mg/L	CALA-12-12550
Los Alamos Spring	—[e]	06/21/2022	WG	Flow	0.63	gpm	CALA-22-250801
Los Alamos Spring	—	06/08/2021	WG	Flow	0.4	gpm	CALA-21-229522
Los Alamos Spring	—	09/09/2020	WG	Flow	0.49	gpm	CALA-20-206423
Los Alamos Spring	—	06/21/2022	WG	pH	7.81	SU	CALA-22-250801
Los Alamos Spring	—	06/08/2021	WG	pH	7.99	SU	CALA-21-229522
Los Alamos Spring	—	09/09/2020	WG	pH	7.67	SU	CALA-20-206423
Los Alamos Spring	—	05/28/2015	WG	pH	7.78	SU	CALA-15-97427
Los Alamos Spring	—	04/10/2012	WG	pH	7.87	SU	CALA-12-12550
Los Alamos Spring	—	06/21/2022	WG	Specific Conductance	335.2	µS/cm	CALA-22-250801
Los Alamos Spring	—	06/08/2021	WG	Specific Conductance	336.4	µS/cm	CALA-21-229522
Los Alamos Spring	—	09/09/2020	WG	Specific Conductance	342.1	µS/cm	CALA-20-206423
Los Alamos Spring	—	05/28/2015	WG	Specific Conductance	337	µS/cm	CALA-15-97427
Los Alamos Spring	—	04/10/2012	WG	Specific Conductance	339	µS/cm	CALA-12-12550
Los Alamos Spring	—	06/21/2022	WG	Temperature	14.1	deg C	CALA-22-250801
Los Alamos Spring	—	06/08/2021	WG	Temperature	15.4	deg C	CALA-21-229522
Los Alamos Spring	—	09/09/2020	WG	Temperature	11.7	deg C	CALA-20-206423
Los Alamos Spring	—	05/28/2015	WG	Temperature	14.4	deg C	CALA-15-97427
Los Alamos Spring	—	04/10/2012	WG	Temperature	12.27	deg C	CALA-12-12550
Los Alamos Spring	—	06/21/2022	WG	Turbidity	2.67	NTU	CALA-22-250801
Los Alamos Spring	—	06/08/2021	WG	Turbidity	2.81	NTU	CALA-21-229522

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Los Alamos Spring	—	09/09/2020	WG	Turbidity	4.09	NTU	CALA-20-206423
Los Alamos Spring	—	05/28/2015	WG	Turbidity	11.5	NTU	CALA-15-97427
Los Alamos Spring	—	04/10/2012	WG	Turbidity	11.9	NTU	CALA-12-12550
MCO-7	39.0	07/26/2021	WG	Dissolved Oxygen	6.96	mg/L	CAMO-21-231037
MCO-7	39.0	08/18/2020	WG	Dissolved Oxygen	7.47	mg/L	CAMO-20-198968
MCO-7	39.0	07/22/2019	WG	Dissolved Oxygen	8.65	mg/L	CAMO-19-182826
MCO-7	39.0	07/23/2018	WG	Dissolved Oxygen	7.78	mg/L	CAMO-18-159841
MCO-7	39.0	06/29/2018	WG	Dissolved Oxygen	7.62	mg/L	CAMO-18-154790
MCO-7	39.0	07/26/2021	WG	Flow	0.006	gpm	CAMO-21-231037
MCO-7	39.0	08/18/2020	WG	Flow	0.18	gpm	CAMO-20-198968
MCO-7	39.0	07/22/2019	WG	Flow	0.21	gpm	CAMO-19-182826
MCO-7	39.0	07/26/2021	WG	Oxidation-Reduction Potential	343.3	mV	CAMO-21-231037
MCO-7	39.0	08/18/2020	WG	Oxidation-Reduction Potential	214.5	mV	CAMO-20-198968
MCO-7	39.0	07/22/2019	WG	Oxidation-Reduction Potential	339.3	mV	CAMO-19-182826
MCO-7	39.0	07/23/2018	WG	Oxidation-Reduction Potential	297.8	mV	CAMO-18-159841
MCO-7	39.0	06/29/2018	WG	Oxidation-Reduction Potential	308.2	mV	CAMO-18-154790
MCO-7	39.0	07/26/2021	WG	pH	6.7	SU	CAMO-21-231037
MCO-7	39.0	08/18/2020	WG	pH	6.66	SU	CAMO-20-198968
MCO-7	39.0	07/22/2019	WG	pH	6.71	SU	CAMO-19-182826
MCO-7	39.0	07/23/2018	WG	pH	6.72	SU	CAMO-18-159841
MCO-7	39.0	06/29/2018	WG	pH	6.62	SU	CAMO-18-154790
MCO-7	39.0	07/26/2021	WG	Specific Conductance	544	µS/cm	CAMO-21-231037
MCO-7	39.0	08/18/2020	WG	Specific Conductance	516	µS/cm	CAMO-20-198968
MCO-7	39.0	07/22/2019	WG	Specific Conductance	483.3	µS/cm	CAMO-19-182826
MCO-7	39.0	07/23/2018	WG	Specific Conductance	539	µS/cm	CAMO-18-159841
MCO-7	39.0	06/29/2018	WG	Specific Conductance	533	µS/cm	CAMO-18-154790
MCO-7	39.0	07/26/2021	WG	Temperature	17.2	deg C	CAMO-21-231037

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
MCO-7	39.0	08/18/2020	WG	Temperature	11.5	deg C	CAMO-20-198968
MCO-7	39.0	07/22/2019	WG	Temperature	11.2	deg C	CAMO-19-182826
MCO-7	39.0	07/23/2018	WG	Temperature	13.5	deg C	CAMO-18-159841
MCO-7	39.0	06/29/2018	WG	Temperature	12.3	deg C	CAMO-18-154790
MCO-7	39.0	07/26/2021	WG	Turbidity	5.06	NTU	CAMO-21-231037
MCO-7	39.0	08/18/2020	WG	Turbidity	5.95	NTU	CAMO-20-198968
MCO-7	39.0	07/22/2019	WG	Turbidity	2.79	NTU	CAMO-19-182826
MCO-7	39.0	07/23/2018	WG	Turbidity	1.14	NTU	CAMO-18-159841
MCO-7	39.0	06/29/2018	WG	Turbidity	3.8	NTU	CAMO-18-154790
PAO-5n	7.4	06/24/2022	WG	Dissolved Oxygen	4.4	mg/L	CAPU-22-250824
PAO-5n	7.4	06/20/2019	WG	Dissolved Oxygen	3.58	mg/L	CAPU-19-181503
PAO-5n	7.4	06/12/2018	WG	Dissolved Oxygen	4.55	mg/L	CAPU-18-76
PAO-5n	7.4	06/19/2017	WG	Dissolved Oxygen	3.74	mg/L	CAPU-17-139098
PAO-5n	7.4	06/08/2016	WG	Dissolved Oxygen	1.6	mg/L	CAPU-16-116864
PAO-5n	7.4	06/24/2022	WG	Flow	0.07	gpm	CAPU-22-250824
PAO-5n	7.4	06/20/2019	WG	Flow	0.07	gpm	CAPU-19-181503
PAO-5n	7.4	06/24/2022	WG	Oxidation-Reduction Potential	194.3	mV	CAPU-22-250824
PAO-5n	7.4	06/20/2019	WG	Oxidation-Reduction Potential	214.8	mV	CAPU-19-181503
PAO-5n	7.4	06/12/2018	WG	Oxidation-Reduction Potential	302.8	mV	CAPU-18-76
PAO-5n	7.4	06/19/2017	WG	Oxidation-Reduction Potential	161.7	mV	CAPU-17-139098
PAO-5n	7.4	06/08/2016	WG	Oxidation-Reduction Potential	179	mV	CAPU-16-116864
PAO-5n	7.4	06/24/2022	WG	pH	6.56	SU	CAPU-22-250824
PAO-5n	7.4	06/20/2019	WG	pH	6.21	SU	CAPU-19-181503
PAO-5n	7.4	06/12/2018	WG	pH	6.04	SU	CAPU-18-76
PAO-5n	7.4	06/19/2017	WG	pH	6.27	SU	CAPU-17-139098
PAO-5n	7.4	06/08/2016	WG	pH	6.16	SU	CAPU-16-116864
PAO-5n	7.4	06/24/2022	WG	Specific Conductance	424.7	µS/cm	CAPU-22-250824

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
PAO-5n	7.4	06/20/2019	WG	Specific Conductance	484.1	µS/cm	CAPU-19-181503
PAO-5n	7.4	06/12/2018	WG	Specific Conductance	498.6	µS/cm	CAPU-18-76
PAO-5n	7.4	06/19/2017	WG	Specific Conductance	557	µS/cm	CAPU-17-139098
PAO-5n	7.4	06/08/2016	WG	Specific Conductance	525	µS/cm	CAPU-16-116864
PAO-5n	7.4	06/24/2022	WG	Temperature	11.7	deg C	CAPU-22-250824
PAO-5n	7.4	06/20/2019	WG	Temperature	11	deg C	CAPU-19-181503
PAO-5n	7.4	06/12/2018	WG	Temperature	11.8	deg C	CAPU-18-76
PAO-5n	7.4	06/19/2017	WG	Temperature	11.3	deg C	CAPU-17-139098
PAO-5n	7.4	06/08/2016	WG	Temperature	9.94	deg C	CAPU-16-116864
PAO-5n	7.4	06/24/2022	WG	Turbidity	20.85	NTU	CAPU-22-250824
PAO-5n	7.4	06/20/2019	WG	Turbidity	13.05	NTU	CAPU-19-181503
PAO-5n	7.4	06/12/2018	WG	Turbidity	9.6	NTU	CAPU-18-76
PAO-5n	7.4	06/19/2017	WG	Turbidity	7.4	NTU	CAPU-17-139098
PAO-5n	7.4	06/08/2016	WG	Turbidity	9.2	NTU	CAPU-16-116864
PCI-2	512.0	04/12/2022	WG	Dissolved Oxygen	7.94	mg/L	CAPA-22-248765
PCI-2	512.0	04/06/2021	WG	Dissolved Oxygen	8.02	mg/L	CAPA-21-221772
PCI-2	512.0	09/22/2020	WG	Dissolved Oxygen	8.14	mg/L	CAPA-20-206521
PCI-2	512.0	10/28/2019	WG	Dissolved Oxygen	8	mg/L	CAPA-20-188575
PCI-2	512.0	04/23/2019	WG	Dissolved Oxygen	8.15	mg/L	CAPA-19-171722
PCI-2	512.0	04/12/2022	WG	Flow	0.49	gpm	CAPA-22-248765
PCI-2	512.0	04/06/2021	WG	Flow	0.39	gpm	CAPA-21-221772
PCI-2	512.0	09/22/2020	WG	Flow	0.48	gpm	CAPA-20-206521
PCI-2	512.0	10/28/2019	WG	Flow	0.42	gpm	CAPA-20-188575
PCI-2	512.0	04/23/2019	WG	Flow	0.43	gpm	CAPA-19-171722
PCI-2	512.0	04/12/2022	WG	Oxidation-Reduction Potential	261.5	mV	CAPA-22-248765
PCI-2	512.0	04/06/2021	WG	Oxidation-Reduction Potential	212.8	mV	CAPA-21-221772
PCI-2	512.0	09/22/2020	WG	Oxidation-Reduction Potential	209.8	mV	CAPA-20-206521

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
PCI-2	512.0	10/28/2019	WG	Oxidation-Reduction Potential	167.7	mV	CAPA-20-188575
PCI-2	512.0	04/23/2019	WG	Oxidation-Reduction Potential	165.4	mV	CAPA-19-171722
PCI-2	512.0	04/12/2022	WG	pH	6.99	SU	CAPA-22-248765
PCI-2	512.0	04/06/2021	WG	pH	7.12	SU	CAPA-21-221772
PCI-2	512.0	09/22/2020	WG	pH	7.36	SU	CAPA-20-206521
PCI-2	512.0	10/28/2019	WG	pH	7.11	SU	CAPA-20-188575
PCI-2	512.0	04/23/2019	WG	pH	7.13	SU	CAPA-19-171722
PCI-2	512.0	04/12/2022	WG	Specific Conductance	108.7	µS/cm	CAPA-22-248765
PCI-2	512.0	04/06/2021	WG	Specific Conductance	104.5	µS/cm	CAPA-21-221772
PCI-2	512.0	09/22/2020	WG	Specific Conductance	105.6	µS/cm	CAPA-20-206521
PCI-2	512.0	10/28/2019	WG	Specific Conductance	106.3	µS/cm	CAPA-20-188575
PCI-2	512.0	04/23/2019	WG	Specific Conductance	106.8	µS/cm	CAPA-19-171722
PCI-2	512.0	04/12/2022	WG	Temperature	13.4	deg C	CAPA-22-248765
PCI-2	512.0	04/06/2021	WG	Temperature	13.2	deg C	CAPA-21-221772
PCI-2	512.0	09/22/2020	WG	Temperature	14.3	deg C	CAPA-20-206521
PCI-2	512.0	10/28/2019	WG	Temperature	12.1	deg C	CAPA-20-188575
PCI-2	512.0	04/23/2019	WG	Temperature	12.7	deg C	CAPA-19-171722
PCI-2	512.0	04/12/2022	WG	Turbidity	1.47	NTU	CAPA-22-248765
PCI-2	512.0	04/06/2021	WG	Turbidity	0.44	NTU	CAPA-21-221772
PCI-2	512.0	09/22/2020	WG	Turbidity	1.62	NTU	CAPA-20-206521
PCI-2	512.0	10/28/2019	WG	Turbidity	0.34	NTU	CAPA-20-188575
PCI-2	512.0	04/23/2019	WG	Turbidity	0.9	NTU	CAPA-19-171722
R-10 S[f]1	874.0	11/04/2021	WG	Dissolved Oxygen	6.31	mg/L	CASA-22-236463
R-10 S1	874.0	11/05/2020	WG	Dissolved Oxygen	6.2	mg/L	CASA-21-210605
R-10 S1	874.0	11/07/2019	WG	Dissolved Oxygen	6.04	mg/L	CASA-20-189237
R-10 S1	874.0	11/14/2018	WG	Dissolved Oxygen	6.19	mg/L	CASA-19-164034
R-10 S1	874.0	11/23/2015	WG	Dissolved Oxygen	6.24	mg/L	CASA-16-106237

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-10 S1	874.0	11/04/2021	WG	Flow	13.63	gpm	CASA-22-236463
R-10 S1	874.0	11/05/2020	WG	Flow	13.04	gpm	CASA-21-210605
R-10 S1	874.0	11/07/2019	WG	Flow	14.28	gpm	CASA-20-189237
R-10 S1	874.0	11/14/2018	WG	Flow	14.3	gpm	CASA-19-164034
R-10 S1	874.0	11/04/2021	WG	Oxidation-Reduction Potential	84.9	mV	CASA-22-236463
R-10 S1	874.0	11/05/2020	WG	Oxidation-Reduction Potential	233.4	mV	CASA-21-210605
R-10 S1	874.0	11/07/2019	WG	Oxidation-Reduction Potential	96.4	mV	CASA-20-189237
R-10 S1	874.0	11/14/2018	WG	Oxidation-Reduction Potential	285.2	mV	CASA-19-164034
R-10 S1	874.0	11/23/2015	WG	Oxidation-Reduction Potential	148	mV	CASA-16-106237
R-10 S1	874.0	11/04/2021	WG	pH	8.21	SU	CASA-22-236463
R-10 S1	874.0	11/05/2020	WG	pH	8.04	SU	CASA-21-210605
R-10 S1	874.0	11/07/2019	WG	pH	8.16	SU	CASA-20-189237
R-10 S1	874.0	11/14/2018	WG	pH	8.06	SU	CASA-19-164034
R-10 S1	874.0	11/23/2015	WG	pH	7.99	SU	CASA-16-106237
R-10 S1	874.0	11/04/2021	WG	Specific Conductance	177.5	µS/cm	CASA-22-236463
R-10 S1	874.0	11/05/2020	WG	Specific Conductance	173.3	µS/cm	CASA-21-210605
R-10 S1	874.0	11/07/2019	WG	Specific Conductance	176.8	µS/cm	CASA-20-189237
R-10 S1	874.0	11/14/2018	WG	Specific Conductance	179.7	µS/cm	CASA-19-164034
R-10 S1	874.0	11/23/2015	WG	Specific Conductance	180	µS/cm	CASA-16-106237
R-10 S1	874.0	11/04/2021	WG	Temperature	23.1	deg C	CASA-22-236463
R-10 S1	874.0	11/05/2020	WG	Temperature	23.3	deg C	CASA-21-210605
R-10 S1	874.0	11/07/2019	WG	Temperature	22.5	deg C	CASA-20-189237
R-10 S1	874.0	11/14/2018	WG	Temperature	22.9	deg C	CASA-19-164034
R-10 S1	874.0	11/23/2015	WG	Temperature	23.39	deg C	CASA-16-106237
R-10 S1	874.0	11/04/2021	WG	Turbidity	0.94	NTU	CASA-22-236463
R-10 S1	874.0	11/05/2020	WG	Turbidity	0.5	NTU	CASA-21-210605
R-10 S1	874.0	11/07/2019	WG	Turbidity	1.14	NTU	CASA-20-189237

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-10 S1	874.0	11/14/2018	WG	Turbidity	1.4	NTU	CASA-19-164034
R-10 S1	874.0	11/23/2015	WG	Turbidity	0.36	NTU	CASA-16-106237
R-10 S2	1042.0	11/04/2021	WG	Dissolved Oxygen	6.48	mg/L	CASA-22-236467
R-10 S2	1042.0	11/05/2020	WG	Dissolved Oxygen	6.15	mg/L	CASA-21-210610
R-10 S2	1042.0	11/07/2019	WG	Dissolved Oxygen	6.37	mg/L	CASA-20-189269
R-10 S2	1042.0	11/14/2018	WG	Dissolved Oxygen	5.79	mg/L	CASA-19-164038
R-10 S2	1042.0	09/02/2015	WG	Dissolved Oxygen	6.31	mg/L	CASA-15-102631
R-10 S2	1042.0	11/04/2021	WG	Flow	13.04	gpm	CASA-22-236467
R-10 S2	1042.0	11/05/2020	WG	Flow	13.04	gpm	CASA-21-210610
R-10 S2	1042.0	11/07/2019	WG	Flow	13.04	gpm	CASA-20-189269
R-10 S2	1042.0	11/14/2018	WG	Flow	13.6	gpm	CASA-19-164038
R-10 S2	1042.0	11/04/2021	WG	Oxidation-Reduction Potential	80.1	mV	CASA-22-236467
R-10 S2	1042.0	11/05/2020	WG	Oxidation-Reduction Potential	230.7	mV	CASA-21-210610
R-10 S2	1042.0	11/07/2019	WG	Oxidation-Reduction Potential	77	mV	CASA-20-189269
R-10 S2	1042.0	11/14/2018	WG	Oxidation-Reduction Potential	278.5	mV	CASA-19-164038
R-10 S2	1042.0	09/02/2015	WG	Oxidation-Reduction Potential	113.1	mV	CASA-15-102631
R-10 S2	1042.0	11/04/2021	WG	pH	8.12	SU	CASA-22-236467
R-10 S2	1042.0	11/05/2020	WG	pH	7.97	SU	CASA-21-210610
R-10 S2	1042.0	11/07/2019	WG	pH	8.03	SU	CASA-20-189269
R-10 S2	1042.0	11/14/2018	WG	pH	8.03	SU	CASA-19-164038
R-10 S2	1042.0	09/02/2015	WG	pH	7.94	SU	CASA-15-102631
R-10 S2	1042.0	11/04/2021	WG	Specific Conductance	200	µS/cm	CASA-22-236467
R-10 S2	1042.0	11/05/2020	WG	Specific Conductance	194.3	µS/cm	CASA-21-210610
R-10 S2	1042.0	11/07/2019	WG	Specific Conductance	199.9	µS/cm	CASA-20-189269
R-10 S2	1042.0	11/14/2018	WG	Specific Conductance	204.4	µS/cm	CASA-19-164038
R-10 S2	1042.0	09/02/2015	WG	Specific Conductance	204	µS/cm	CASA-15-102631
R-10 S2	1042.0	11/04/2021	WG	Temperature	24.1	deg C	CASA-22-236467

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-10 S2	1042.0	11/05/2020	WG	Temperature	23.7	deg C	CASA-21-210610
R-10 S2	1042.0	11/07/2019	WG	Temperature	24.4	deg C	CASA-20-189269
R-10 S2	1042.0	11/14/2018	WG	Temperature	24	deg C	CASA-19-164038
R-10 S2	1042.0	09/02/2015	WG	Temperature	24.49	deg C	CASA-15-102631
R-10 S2	1042.0	11/04/2021	WG	Turbidity	1.33	NTU	CASA-22-236467
R-10 S2	1042.0	11/05/2020	WG	Turbidity	0.7	NTU	CASA-21-210610
R-10 S2	1042.0	11/07/2019	WG	Turbidity	2.68	NTU	CASA-20-189269
R-10 S2	1042.0	11/14/2018	WG	Turbidity	4.3	NTU	CASA-19-164038
R-10 S2	1042.0	09/02/2015	WG	Turbidity	0.2	NTU	CASA-15-102631
R-10a	690.0	05/06/2022	WG	Dissolved Oxygen	6.53	mg/L	CASA-22-249212
R-10a	690.0	11/04/2021	WG	Dissolved Oxygen	6.05	mg/L	CASA-22-236471
R-10a	690.0	05/18/2021	WG	Dissolved Oxygen	5.93	mg/L	CASA-21-224396
R-10a	690.0	11/05/2020	WG	Dissolved Oxygen	6.11	mg/L	CASA-21-210613
R-10a	690.0	11/07/2019	WG	Dissolved Oxygen	6.24	mg/L	CASA-20-189288
R-10a	690.0	05/21/2019	WG	Dissolved Oxygen	6.04	mg/L	CASA-19-175201
R-10a	690.0	05/06/2022	WG	Flow	5	gpm	CASA-22-249212
R-10a	690.0	11/04/2021	WG	Flow	5	gpm	CASA-22-236471
R-10a	690.0	05/18/2021	WG	Flow	5.17	gpm	CASA-21-224396
R-10a	690.0	11/05/2020	WG	Flow	5.08	gpm	CASA-21-210613
R-10a	690.0	11/07/2019	WG	Flow	5.17	gpm	CASA-20-189288
R-10a	690.0	05/21/2019	WG	Flow	5	gpm	CASA-19-175201
R-10a	690.0	05/06/2022	WG	Oxidation-Reduction Potential	192.8	mV	CASA-22-249212
R-10a	690.0	11/04/2021	WG	Oxidation-Reduction Potential	237.5	mV	CASA-22-236471
R-10a	690.0	05/18/2021	WG	Oxidation-Reduction Potential	185.5	mV	CASA-21-224396
R-10a	690.0	11/05/2020	WG	Oxidation-Reduction Potential	163.6	mV	CASA-21-210613
R-10a	690.0	11/07/2019	WG	Oxidation-Reduction Potential	200.3	mV	CASA-20-189288
R-10a	690.0	05/21/2019	WG	Oxidation-Reduction Potential	116.6	mV	CASA-19-175201

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-10a	690.0	05/06/2022	WG	pH	7.81	SU	CASA-22-249212
R-10a	690.0	11/04/2021	WG	pH	7.83	SU	CASA-22-236471
R-10a	690.0	05/18/2021	WG	pH	7.92	SU	CASA-21-224396
R-10a	690.0	11/05/2020	WG	pH	7.68	SU	CASA-21-210613
R-10a	690.0	11/07/2019	WG	pH	8.02	SU	CASA-20-189288
R-10a	690.0	05/21/2019	WG	pH	7.85	SU	CASA-19-175201
R-10a	690.0	05/06/2022	WG	Specific Conductance	228.5	µS/cm	CASA-22-249212
R-10a	690.0	11/04/2021	WG	Specific Conductance	227.3	µS/cm	CASA-22-236471
R-10a	690.0	05/18/2021	WG	Specific Conductance	222.5	µS/cm	CASA-21-224396
R-10a	690.0	11/05/2020	WG	Specific Conductance	227	µS/cm	CASA-21-210613
R-10a	690.0	11/07/2019	WG	Specific Conductance	226.5	µS/cm	CASA-20-189288
R-10a	690.0	05/21/2019	WG	Specific Conductance	224.2	µS/cm	CASA-19-175201
R-10a	690.0	05/06/2022	WG	Temperature	21.2	deg C	CASA-22-249212
R-10a	690.0	11/04/2021	WG	Temperature	20.3	deg C	CASA-22-236471
R-10a	690.0	05/18/2021	WG	Temperature	20.5	deg C	CASA-21-224396
R-10a	690.0	11/05/2020	WG	Temperature	21.1	deg C	CASA-21-210613
R-10a	690.0	11/07/2019	WG	Temperature	20.3	deg C	CASA-20-189288
R-10a	690.0	05/21/2019	WG	Temperature	20.6	deg C	CASA-19-175201
R-10a	690.0	05/06/2022	WG	Turbidity	2.34	NTU	CASA-22-249212
R-10a	690.0	11/04/2021	WG	Turbidity	0.21	NTU	CASA-22-236471
R-10a	690.0	05/18/2021	WG	Turbidity	0.29	NTU	CASA-21-224396
R-10a	690.0	11/05/2020	WG	Turbidity	0.61	NTU	CASA-21-210613
R-10a	690.0	11/07/2019	WG	Turbidity	0.47	NTU	CASA-20-189288
R-10a	690.0	05/21/2019	WG	Turbidity	0.45	NTU	CASA-19-175201
R-12 S2	504.5	07/23/2021	WG	Dissolved Oxygen	4.35	mg/L	CASA-21-231072
R-12 S2	504.5	08/07/2020	WG	Dissolved Oxygen	4.23	mg/L	CASA-20-199002
R-12 S2	504.5	07/25/2019	WG	Dissolved Oxygen	4.07	mg/L	CASA-19-182764

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-12 S2	504.5	07/27/2017	WG	Dissolved Oxygen	4.25	mg/L	CASA-17-142037
R-12 S2	504.5	08/03/2016	WG	Dissolved Oxygen	4.86	mg/L	CASA-16-124326
R-12 S2	504.5	07/23/2021	WG	Flow	11.54	gpm	CASA-21-231072
R-12 S2	504.5	08/07/2020	WG	Flow	11.54	gpm	CASA-20-199002
R-12 S2	504.5	07/25/2019	WG	Flow	12	gpm	CASA-19-182764
R-12 S2	504.5	07/23/2021	WG	Oxidation-Reduction Potential	145	mV	CASA-21-231072
R-12 S2	504.5	08/07/2020	WG	Oxidation-Reduction Potential	4.4	mV	CASA-20-199002
R-12 S2	504.5	07/25/2019	WG	Oxidation-Reduction Potential	141.3	mV	CASA-19-182764
R-12 S2	504.5	07/27/2017	WG	Oxidation-Reduction Potential	21.2	mV	CASA-17-142037
R-12 S2	504.5	08/03/2016	WG	Oxidation-Reduction Potential	146.4	mV	CASA-16-124326
R-12 S2	504.5	07/23/2021	WG	pH	8.4	SU	CASA-21-231072
R-12 S2	504.5	08/07/2020	WG	pH	8.39	SU	CASA-20-199002
R-12 S2	504.5	07/25/2019	WG	pH	8.3	SU	CASA-19-182764
R-12 S2	504.5	07/27/2017	WG	pH	8.15	SU	CASA-17-142037
R-12 S2	504.5	08/03/2016	WG	pH	8.3	SU	CASA-16-124326
R-12 S2	504.5	07/23/2021	WG	Specific Conductance	182.2	µS/cm	CASA-21-231072
R-12 S2	504.5	08/07/2020	WG	Specific Conductance	182.6	µS/cm	CASA-20-199002
R-12 S2	504.5	07/25/2019	WG	Specific Conductance	181.2	µS/cm	CASA-19-182764
R-12 S2	504.5	07/27/2017	WG	Specific Conductance	179.6	µS/cm	CASA-17-142037
R-12 S2	504.5	08/03/2016	WG	Specific Conductance	193.1	µS/cm	CASA-16-124326
R-12 S2	504.5	07/23/2021	WG	Temperature	20.1	deg C	CASA-21-231072
R-12 S2	504.5	08/07/2020	WG	Temperature	20.6	deg C	CASA-20-199002
R-12 S2	504.5	07/25/2019	WG	Temperature	20	deg C	CASA-19-182764
R-12 S2	504.5	07/27/2017	WG	Temperature	20.7	deg C	CASA-17-142037
R-12 S2	504.5	08/03/2016	WG	Temperature	20.27	deg C	CASA-16-124326
R-12 S2	504.5	07/23/2021	WG	Turbidity	0.45	NTU	CASA-21-231072
R-12 S2	504.5	08/07/2020	WG	Turbidity	1.41	NTU	CASA-20-199002

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-12 S2	504.5	07/25/2019	WG	Turbidity	0.17	NTU	CASA-19-182764
R-12 S2	504.5	07/27/2017	WG	Turbidity	0.9	NTU	CASA-17-142037
R-12 S2	504.5	08/03/2016	WG	Turbidity	0.22	NTU	CASA-16-124326
R-16 S4	1237.0	07/28/2021	WG	Dissolved Oxygen	3.7	mg/L	CAMO-21-231041
R-16 S4	1237.0	07/25/2019	WG	Dissolved Oxygen	3.69	mg/L	CAMO-19-182844
R-16 S4	1237.0	07/20/2018	WG	Dissolved Oxygen	3.57	mg/L	CAMO-18-159848
R-16 S4	1237.0	07/27/2017	WG	Dissolved Oxygen	3.56	mg/L	CAMO-17-142062
R-16 S4	1237.0	08/04/2016	WG	Dissolved Oxygen	3.51	mg/L	CAMO-16-124265
R-16 S4	1237.0	07/28/2021	WG	Flow	3.09	gpm	CAMO-21-231041
R-16 S4	1237.0	07/25/2019	WG	Flow	3.33	gpm	CAMO-19-182844
R-16 S4	1237.0	07/28/2021	WG	Oxidation-Reduction Potential	119	mV	CAMO-21-231041
R-16 S4	1237.0	07/25/2019	WG	Oxidation-Reduction Potential	199.5	mV	CAMO-19-182844
R-16 S4	1237.0	07/20/2018	WG	Oxidation-Reduction Potential	150.7	mV	CAMO-18-159848
R-16 S4	1237.0	07/27/2017	WG	Oxidation-Reduction Potential	86.8	mV	CAMO-17-142062
R-16 S4	1237.0	08/04/2016	WG	Oxidation-Reduction Potential	201.8	mV	CAMO-16-124265
R-16 S4	1237.0	07/28/2021	WG	pH	8.29	SU	CAMO-21-231041
R-16 S4	1237.0	07/25/2019	WG	pH	8.22	SU	CAMO-19-182844
R-16 S4	1237.0	07/20/2018	WG	pH	8.15	SU	CAMO-18-159848
R-16 S4	1237.0	07/27/2017	WG	pH	8.17	SU	CAMO-17-142062
R-16 S4	1237.0	08/04/2016	WG	pH	8.15	SU	CAMO-16-124265
R-16 S4	1237.0	07/28/2021	WG	Specific Conductance	180.4	µS/cm	CAMO-21-231041
R-16 S4	1237.0	07/25/2019	WG	Specific Conductance	178.2	µS/cm	CAMO-19-182844
R-16 S4	1237.0	07/20/2018	WG	Specific Conductance	180	µS/cm	CAMO-18-159848
R-16 S4	1237.0	07/27/2017	WG	Specific Conductance	180.6	µS/cm	CAMO-17-142062
R-16 S4	1237.0	08/04/2016	WG	Specific Conductance	197.5	µS/cm	CAMO-16-124265
R-16 S4	1237.0	07/28/2021	WG	Temperature	24	deg C	CAMO-21-231041
R-16 S4	1237.0	07/25/2019	WG	Temperature	22.9	deg C	CAMO-19-182844

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-16 S4	1237.0	07/20/2018	WG	Temperature	22.5	deg C	CAMO-18-159848
R-16 S4	1237.0	07/27/2017	WG	Temperature	23.1	deg C	CAMO-17-142062
R-16 S4	1237.0	08/04/2016	WG	Temperature	23.43	deg C	CAMO-16-124265
R-16 S4	1237.0	07/28/2021	WG	Turbidity	0.5	NTU	CAMO-21-231041
R-16 S4	1237.0	07/25/2019	WG	Turbidity	0.61	NTU	CAMO-19-182844
R-16 S4	1237.0	07/20/2018	WG	Turbidity	0.13	NTU	CAMO-18-159848
R-16 S4	1237.0	07/27/2017	WG	Turbidity	0.27	NTU	CAMO-17-142062
R-16 S4	1237.0	08/04/2016	WG	Turbidity	0.16	NTU	CAMO-16-124265
R-16r	600.0	07/28/2021	WG	Dissolved Oxygen	6.28	mg/L	CAMO-21-231043
R-16r	600.0	08/19/2020	WG	Dissolved Oxygen	6.26	mg/L	CAMO-20-198980
R-16r	600.0	07/10/2019	WG	Dissolved Oxygen	6.27	mg/L	CAMO-19-182849
R-16r	600.0	07/20/2018	WG	Dissolved Oxygen	6.24	mg/L	CAMO-18-159853
R-16r	600.0	07/31/2017	WG	Dissolved Oxygen	6.31	mg/L	CAMO-17-142063
R-16r	600.0	07/28/2021	WG	Flow	5.23	gpm	CAMO-21-231043
R-16r	600.0	08/19/2020	WG	Flow	5.36	gpm	CAMO-20-198980
R-16r	600.0	07/10/2019	WG	Flow	5.45	gpm	CAMO-19-182849
R-16r	600.0	07/28/2021	WG	Oxidation-Reduction Potential	281.9	mV	CAMO-21-231043
R-16r	600.0	08/19/2020	WG	Oxidation-Reduction Potential	187.8	mV	CAMO-20-198980
R-16r	600.0	07/10/2019	WG	Oxidation-Reduction Potential	149.4	mV	CAMO-19-182849
R-16r	600.0	07/20/2018	WG	Oxidation-Reduction Potential	212.4	mV	CAMO-18-159853
R-16r	600.0	07/31/2017	WG	Oxidation-Reduction Potential	217.7	mV	CAMO-17-142063
R-16r	600.0	07/28/2021	WG	pH	8.25	SU	CAMO-21-231043
R-16r	600.0	08/19/2020	WG	pH	8.17	SU	CAMO-20-198980
R-16r	600.0	07/10/2019	WG	pH	8.16	SU	CAMO-19-182849
R-16r	600.0	07/20/2018	WG	pH	8.22	SU	CAMO-18-159853
R-16r	600.0	07/31/2017	WG	pH	7.77	SU	CAMO-17-142063
R-16r	600.0	07/28/2021	WG	Specific Conductance	179.4	µS/cm	CAMO-21-231043

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-16r	600.0	08/19/2020	WG	Specific Conductance	177.4	µS/cm	CAMO-20-198980
R-16r	600.0	07/10/2019	WG	Specific Conductance	178.2	µS/cm	CAMO-19-182849
R-16r	600.0	07/20/2018	WG	Specific Conductance	179.6	µS/cm	CAMO-18-159853
R-16r	600.0	07/31/2017	WG	Specific Conductance	178.5	µS/cm	CAMO-17-142063
R-16r	600.0	07/28/2021	WG	Temperature	20.8	deg C	CAMO-21-231043
R-16r	600.0	08/19/2020	WG	Temperature	20.7	deg C	CAMO-20-198980
R-16r	600.0	07/10/2019	WG	Temperature	21.5	deg C	CAMO-19-182849
R-16r	600.0	07/20/2018	WG	Temperature	21.1	deg C	CAMO-18-159853
R-16r	600.0	07/31/2017	WG	Temperature	20.8	deg C	CAMO-17-142063
R-16r	600.0	07/28/2021	WG	Turbidity	0.48	NTU	CAMO-21-231043
R-16r	600.0	08/19/2020	WG	Turbidity	2.05	NTU	CAMO-20-198980
R-16r	600.0	07/10/2019	WG	Turbidity	0.18	NTU	CAMO-19-182849
R-16r	600.0	07/20/2018	WG	Turbidity	0.28	NTU	CAMO-18-159853
R-16r	600.0	07/31/2017	WG	Turbidity	0.2	NTU	CAMO-17-142063
R-17 S1	1057.0	04/18/2022	WG	Dissolved Oxygen	6.74	mg/L	CAPA-22-248772
R-17 S1	1057.0	10/25/2021	WG	Dissolved Oxygen	6.7	mg/L	CAPA-22-235463
R-17 S1	1057.0	04/19/2021	WG	Dissolved Oxygen	6.82	mg/L	CAPA-21-221778
R-17 S1	1057.0	10/30/2020	WG	Dissolved Oxygen	6.61	mg/L	CAPA-21-209095
R-17 S1	1057.0	09/22/2020	WG	Dissolved Oxygen	6.79	mg/L	CAPA-20-206528
R-17 S1	1057.0	04/18/2019	WG	Dissolved Oxygen	6.73	mg/L	CAPA-19-171726
R-17 S1	1057.0	04/18/2022	WG	Flow	2	gpm	CAPA-22-248772
R-17 S1	1057.0	10/25/2021	WG	Flow	2.02	gpm	CAPA-22-235463
R-17 S1	1057.0	04/19/2021	WG	Flow	2.1	gpm	CAPA-21-221778
R-17 S1	1057.0	10/30/2020	WG	Flow	2	gpm	CAPA-21-209095
R-17 S1	1057.0	09/22/2020	WG	Flow	2.14	gpm	CAPA-20-206528
R-17 S1	1057.0	04/18/2019	WG	Flow	2.14	gpm	CAPA-19-171726
R-17 S1	1057.0	04/18/2022	WG	Oxidation-Reduction Potential	273.1	mV	CAPA-22-248772

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-17 S1	1057.0	10/25/2021	WG	Oxidation-Reduction Potential	259.8	mV	CAPA-22-235463
R-17 S1	1057.0	04/19/2021	WG	Oxidation-Reduction Potential	208.1	mV	CAPA-21-221778
R-17 S1	1057.0	10/30/2020	WG	Oxidation-Reduction Potential	110.5	mV	CAPA-21-209095
R-17 S1	1057.0	09/22/2020	WG	Oxidation-Reduction Potential	143.9	mV	CAPA-20-206528
R-17 S1	1057.0	04/18/2019	WG	Oxidation-Reduction Potential	99.9	mV	CAPA-19-171726
R-17 S1	1057.0	04/18/2022	WG	pH	7.68	SU	CAPA-22-248772
R-17 S1	1057.0	10/25/2021	WG	pH	7.68	SU	CAPA-22-235463
R-17 S1	1057.0	04/19/2021	WG	pH	7.84	SU	CAPA-21-221778
R-17 S1	1057.0	10/30/2020	WG	pH	7.82	SU	CAPA-21-209095
R-17 S1	1057.0	09/22/2020	WG	pH	7.9	SU	CAPA-20-206528
R-17 S1	1057.0	04/18/2019	WG	pH	7.97	SU	CAPA-19-171726
R-17 S1	1057.0	04/18/2022	WG	Specific Conductance	124.3	µS/cm	CAPA-22-248772
R-17 S1	1057.0	10/25/2021	WG	Specific Conductance	125.1	µS/cm	CAPA-22-235463
R-17 S1	1057.0	04/19/2021	WG	Specific Conductance	119.5	µS/cm	CAPA-21-221778
R-17 S1	1057.0	10/30/2020	WG	Specific Conductance	121	µS/cm	CAPA-21-209095
R-17 S1	1057.0	09/22/2020	WG	Specific Conductance	124.4	µS/cm	CAPA-20-206528
R-17 S1	1057.0	04/18/2019	WG	Specific Conductance	122.7	µS/cm	CAPA-19-171726
R-17 S1	1057.0	04/18/2022	WG	Temperature	20.8	deg C	CAPA-22-248772
R-17 S1	1057.0	10/25/2021	WG	Temperature	20.5	deg C	CAPA-22-235463
R-17 S1	1057.0	04/19/2021	WG	Temperature	19.8	deg C	CAPA-21-221778
R-17 S1	1057.0	10/30/2020	WG	Temperature	20.6	deg C	CAPA-21-209095
R-17 S1	1057.0	09/22/2020	WG	Temperature	20.6	deg C	CAPA-20-206528
R-17 S1	1057.0	04/18/2019	WG	Temperature	21.8	deg C	CAPA-19-171726
R-17 S1	1057.0	04/18/2022	WG	Turbidity	1.39	NTU	CAPA-22-248772
R-17 S1	1057.0	10/25/2021	WG	Turbidity	2.7	NTU	CAPA-22-235463
R-17 S1	1057.0	04/19/2021	WG	Turbidity	0.99	NTU	CAPA-21-221778
R-17 S1	1057.0	10/30/2020	WG	Turbidity	7.59	NTU	CAPA-21-209095

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-17 S1	1057.0	09/22/2020	WG	Turbidity	1.62	NTU	CAPA-20-206528
R-17 S1	1057.0	04/18/2019	WG	Turbidity	0.33	NTU	CAPA-19-171726
R-17 S2	1124.0	04/14/2022	WG	Dissolved Oxygen	6.5	mg/L	CAPA-22-248779
R-17 S2	1124.0	10/25/2021	WG	Dissolved Oxygen	6.44	mg/L	CAPA-22-235464
R-17 S2	1124.0	04/20/2021	WG	Dissolved Oxygen	6.35	mg/L	CAPA-21-221781
R-17 S2	1124.0	10/30/2020	WG	Dissolved Oxygen	6.43	mg/L	CAPA-21-209096
R-17 S2	1124.0	09/22/2020	WG	Dissolved Oxygen	6.62	mg/L	CAPA-20-206532
R-17 S2	1124.0	04/18/2019	WG	Dissolved Oxygen	6.44	mg/L	CAPA-19-171730
R-17 S2	1124.0	04/14/2022	WG	Flow	2.01	gpm	CAPA-22-248779
R-17 S2	1124.0	10/25/2021	WG	Flow	1.99	gpm	CAPA-22-235464
R-17 S2	1124.0	04/20/2021	WG	Flow	1.92	gpm	CAPA-21-221781
R-17 S2	1124.0	10/30/2020	WG	Flow	2.16	gpm	CAPA-21-209096
R-17 S2	1124.0	09/22/2020	WG	Flow	2.14	gpm	CAPA-20-206532
R-17 S2	1124.0	04/18/2019	WG	Flow	2.19	gpm	CAPA-19-171730
R-17 S2	1124.0	04/14/2022	WG	Oxidation-Reduction Potential	182.3	mV	CAPA-22-248779
R-17 S2	1124.0	10/25/2021	WG	Oxidation-Reduction Potential	269.9	mV	CAPA-22-235464
R-17 S2	1124.0	04/20/2021	WG	Oxidation-Reduction Potential	177.9	mV	CAPA-21-221781
R-17 S2	1124.0	10/30/2020	WG	Oxidation-Reduction Potential	101	mV	CAPA-21-209096
R-17 S2	1124.0	09/22/2020	WG	Oxidation-Reduction Potential	126.4	mV	CAPA-20-206532
R-17 S2	1124.0	04/18/2019	WG	Oxidation-Reduction Potential	86.8	mV	CAPA-19-171730
R-17 S2	1124.0	04/14/2022	WG	pH	7.77	SU	CAPA-22-248779
R-17 S2	1124.0	10/25/2021	WG	pH	7.83	SU	CAPA-22-235464
R-17 S2	1124.0	04/20/2021	WG	pH	7.94	SU	CAPA-21-221781
R-17 S2	1124.0	10/30/2020	WG	pH	7.89	SU	CAPA-21-209096
R-17 S2	1124.0	09/22/2020	WG	pH	7.96	SU	CAPA-20-206532
R-17 S2	1124.0	04/18/2019	WG	pH	8	SU	CAPA-19-171730
R-17 S2	1124.0	04/14/2022	WG	Specific Conductance	115.3	µS/cm	CAPA-22-248779

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-17 S2	1124.0	10/25/2021	WG	Specific Conductance	116.2	µS/cm	CAPA-22-235464
R-17 S2	1124.0	04/20/2021	WG	Specific Conductance	111.9	µS/cm	CAPA-21-221781
R-17 S2	1124.0	10/30/2020	WG	Specific Conductance	112.4	µS/cm	CAPA-21-209096
R-17 S2	1124.0	09/22/2020	WG	Specific Conductance	114.8	µS/cm	CAPA-20-206532
R-17 S2	1124.0	04/18/2019	WG	Specific Conductance	115.6	µS/cm	CAPA-19-171730
R-17 S2	1124.0	04/14/2022	WG	Temperature	20.5	deg C	CAPA-22-248779
R-17 S2	1124.0	10/25/2021	WG	Temperature	21.5	deg C	CAPA-22-235464
R-17 S2	1124.0	04/20/2021	WG	Temperature	20.1	deg C	CAPA-21-221781
R-17 S2	1124.0	10/30/2020	WG	Temperature	21.7	deg C	CAPA-21-209096
R-17 S2	1124.0	09/22/2020	WG	Temperature	21.2	deg C	CAPA-20-206532
R-17 S2	1124.0	04/18/2019	WG	Temperature	21.8	deg C	CAPA-19-171730
R-17 S2	1124.0	04/14/2022	WG	Turbidity	0.67	NTU	CAPA-22-248779
R-17 S2	1124.0	10/25/2021	WG	Turbidity	0.65	NTU	CAPA-22-235464
R-17 S2	1124.0	04/20/2021	WG	Turbidity	0.36	NTU	CAPA-21-221781
R-17 S2	1124.0	10/30/2020	WG	Turbidity	2.33	NTU	CAPA-21-209096
R-17 S2	1124.0	09/22/2020	WG	Turbidity	0.77	NTU	CAPA-20-206532
R-17 S2	1124.0	04/18/2019	WG	Turbidity	0.26	NTU	CAPA-19-171730
R-19 S2	893.3	04/06/2022	WG	Dissolved Oxygen	7.56	mg/L	CAPA-22-248758
R-19 S2	893.3	10/27/2021	WG	Dissolved Oxygen	7.62	mg/L	CAPA-22-235462
R-19 S2	893.3	09/28/2021	WG	Dissolved Oxygen	7.43	mg/L	CAPA-21-234457
R-19 S2	893.3	04/07/2021	WG	Dissolved Oxygen	7.82	mg/L	CAPA-21-221775
R-19 S2	893.3	01/13/2021	WG	Dissolved Oxygen	7.98	mg/L	CAPA-21-217332
R-19 S2	893.3	12/17/2020	WG	Dissolved Oxygen	7.87	mg/L	CAPA-21-209097
R-19 S2	893.3	04/13/2015	WG	Dissolved Oxygen	6.52	mg/L	CAPA-15-93439
R-19 S2	893.3	04/06/2022	WG	Flow	0.2	gpm	CAPA-22-248758
R-19 S2	893.3	10/27/2021	WG	Flow	0.19	gpm	CAPA-22-235462
R-19 S2	893.3	09/28/2021	WG	Flow	0.27	gpm	CAPA-21-234457

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-19 S2	893.3	04/07/2021	WG	Flow	0.25	gpm	CAPA-21-221775
R-19 S2	893.3	01/13/2021	WG	Flow	0.21	gpm	CAPA-21-217332
R-19 S2	893.3	12/17/2020	WG	Flow	0.26	gpm	CAPA-21-209097
R-19 S2	893.3	04/06/2022	WG	Oxidation-Reduction Potential	163.1	mV	CAPA-22-248758
R-19 S2	893.3	10/27/2021	WG	Oxidation-Reduction Potential	187.4	mV	CAPA-22-235462
R-19 S2	893.3	09/28/2021	WG	Oxidation-Reduction Potential	185.3	mV	CAPA-21-234457
R-19 S2	893.3	04/07/2021	WG	Oxidation-Reduction Potential	216.9	mV	CAPA-21-221775
R-19 S2	893.3	01/13/2021	WG	Oxidation-Reduction Potential	304.6	mV	CAPA-21-217332
R-19 S2	893.3	12/17/2020	WG	Oxidation-Reduction Potential	108.9	mV	CAPA-21-209097
R-19 S2	893.3	08/22/2002	WG	Oxidation-Reduction Potential	166.5	mV	GU0208G19R201
R-19 S2	893.3	04/06/2022	WG	pH	7.22	SU	CAPA-22-248758
R-19 S2	893.3	10/27/2021	WG	pH	7.26	SU	CAPA-22-235462
R-19 S2	893.3	09/28/2021	WG	pH	7.36	SU	CAPA-21-234457
R-19 S2	893.3	04/07/2021	WG	pH	7.21	SU	CAPA-21-221775
R-19 S2	893.3	01/13/2021	WG	pH	7.25	SU	CAPA-21-217332
R-19 S2	893.3	12/17/2020	WG	pH	7.15	SU	CAPA-21-209097
R-19 S2	893.3	04/13/2015	WG	pH	8.31	SU	CAPA-15-93439
R-19 S2	893.3	04/06/2022	WG	Specific Conductance	151.5	µS/cm	CAPA-22-248758
R-19 S2	893.3	10/27/2021	WG	Specific Conductance	151.2	µS/cm	CAPA-22-235462
R-19 S2	893.3	09/28/2021	WG	Specific Conductance	154.6	µS/cm	CAPA-21-234457
R-19 S2	893.3	04/07/2021	WG	Specific Conductance	142.5	µS/cm	CAPA-21-221775
R-19 S2	893.3	01/13/2021	WG	Specific Conductance	145	µS/cm	CAPA-21-217332
R-19 S2	893.3	12/17/2020	WG	Specific Conductance	145.5	µS/cm	CAPA-21-209097
R-19 S2	893.3	04/13/2015	WG	Specific Conductance	170	µS/cm	CAPA-15-93439
R-19 S2	893.3	04/06/2022	WG	Temperature	13.4	deg C	CAPA-22-248758
R-19 S2	893.3	10/27/2021	WG	Temperature	13.7	deg C	CAPA-22-235462
R-19 S2	893.3	09/28/2021	WG	Temperature	15.2	deg C	CAPA-21-234457

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-19 S2	893.3	04/07/2021	WG	Temperature	15.1	deg C	CAPA-21-221775
R-19 S2	893.3	01/13/2021	WG	Temperature	12.5	deg C	CAPA-21-217332
R-19 S2	893.3	12/17/2020	WG	Temperature	13.9	deg C	CAPA-21-209097
R-19 S2	893.3	04/13/2015	WG	Temperature	17.77	deg C	CAPA-15-93439
R-19 S2	893.3	04/06/2022	WG	Turbidity	0.36	NTU	CAPA-22-248758
R-19 S2	893.3	10/27/2021	WG	Turbidity	0.52	NTU	CAPA-22-235462
R-19 S2	893.3	09/28/2021	WG	Turbidity	3.66	NTU	CAPA-21-234457
R-19 S2	893.3	04/07/2021	WG	Turbidity	0.5	NTU	CAPA-21-221775
R-19 S2	893.3	01/13/2021	WG	Turbidity	1.19	NTU	CAPA-21-217332
R-19 S2	893.3	12/17/2020	WG	Turbidity	0.68	NTU	CAPA-21-209097
R-19 S2	893.3	04/13/2015	WG	Turbidity	7.4	NTU	CAPA-15-93439
R-19 S3	1171.4	04/07/2022	WG	Dissolved Oxygen	5.87	mg/L	CAPA-22-248786
R-19 S3	1171.4	10/27/2021	WG	Dissolved Oxygen	5.67	mg/L	CAPA-22-235465
R-19 S3	1171.4	09/29/2021	WG	Dissolved Oxygen	5.64	mg/L	CAPA-21-234461
R-19 S3	1171.4	04/08/2021	WG	Dissolved Oxygen	5.55	mg/L	CAPA-21-221784
R-19 S3	1171.4	01/12/2021	WG	Dissolved Oxygen	5.64	mg/L	CAPA-21-217337
R-19 S3	1171.4	12/18/2020	WG	Dissolved Oxygen	5.66	mg/L	CAPA-21-209103
R-19 S3	1171.4	04/14/2015	WG	Dissolved Oxygen	7.14	mg/L	CAPA-15-93440
R-19 S3	1171.4	04/07/2022	WG	Flow	5.17	gpm	CAPA-22-248786
R-19 S3	1171.4	10/27/2021	WG	Flow	5.26	gpm	CAPA-22-235465
R-19 S3	1171.4	09/29/2021	WG	Flow	4.92	gpm	CAPA-21-234461
R-19 S3	1171.4	04/08/2021	WG	Flow	5.36	gpm	CAPA-21-221784
R-19 S3	1171.4	01/12/2021	WG	Flow	5.36	gpm	CAPA-21-217337
R-19 S3	1171.4	12/18/2020	WG	Flow	5.36	gpm	CAPA-21-209103
R-19 S3	1171.4	04/07/2022	WG	Oxidation-Reduction Potential	126.7	mV	CAPA-22-248786
R-19 S3	1171.4	10/27/2021	WG	Oxidation-Reduction Potential	153.7	mV	CAPA-22-235465
R-19 S3	1171.4	09/29/2021	WG	Oxidation-Reduction Potential	90.1	mV	CAPA-21-234461

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-19 S3	1171.4	04/08/2021	WG	Oxidation-Reduction Potential	125.1	mV	CAPA-21-221784
R-19 S3	1171.4	01/12/2021	WG	Oxidation-Reduction Potential	223.2	mV	CAPA-21-217337
R-19 S3	1171.4	12/18/2020	WG	Oxidation-Reduction Potential	31.3	mV	CAPA-21-209103
R-19 S3	1171.4	08/22/2002	WG	Oxidation-Reduction Potential	163.2	mV	GU0208G19R301
R-19 S3	1171.4	04/07/2022	WG	pH	7.3	SU	CAPA-22-248786
R-19 S3	1171.4	10/27/2021	WG	pH	7.28	SU	CAPA-22-235465
R-19 S3	1171.4	09/29/2021	WG	pH	7.24	SU	CAPA-21-234461
R-19 S3	1171.4	04/08/2021	WG	pH	7.26	SU	CAPA-21-221784
R-19 S3	1171.4	01/12/2021	WG	pH	7.34	SU	CAPA-21-217337
R-19 S3	1171.4	12/18/2020	WG	pH	7.17	SU	CAPA-21-209103
R-19 S3	1171.4	04/14/2015	WG	pH	8.54	SU	CAPA-15-93440
R-19 S3	1171.4	04/07/2022	WG	Specific Conductance	151.2	µS/cm	CAPA-22-248786
R-19 S3	1171.4	10/27/2021	WG	Specific Conductance	152.2	µS/cm	CAPA-22-235465
R-19 S3	1171.4	09/29/2021	WG	Specific Conductance	152.3	µS/cm	CAPA-21-234461
R-19 S3	1171.4	04/08/2021	WG	Specific Conductance	144.3	µS/cm	CAPA-21-221784
R-19 S3	1171.4	01/12/2021	WG	Specific Conductance	150.2	µS/cm	CAPA-21-217337
R-19 S3	1171.4	12/18/2020	WG	Specific Conductance	148.5	µS/cm	CAPA-21-209103
R-19 S3	1171.4	04/14/2015	WG	Specific Conductance	133	µS/cm	CAPA-15-93440
R-19 S3	1171.4	04/07/2022	WG	Temperature	20.2	deg C	CAPA-22-248786
R-19 S3	1171.4	10/27/2021	WG	Temperature	20.2	deg C	CAPA-22-235465
R-19 S3	1171.4	09/29/2021	WG	Temperature	19.6	deg C	CAPA-21-234461
R-19 S3	1171.4	04/08/2021	WG	Temperature	20	deg C	CAPA-21-221784
R-19 S3	1171.4	01/12/2021	WG	Temperature	19.5	deg C	CAPA-21-217337
R-19 S3	1171.4	12/18/2020	WG	Temperature	18.6	deg C	CAPA-21-209103
R-19 S3	1171.4	04/14/2015	WG	Temperature	20.03	deg C	CAPA-15-93440
R-19 S3	1171.4	04/07/2022	WG	Turbidity	0.18	NTU	CAPA-22-248786
R-19 S3	1171.4	10/27/2021	WG	Turbidity	0.3	NTU	CAPA-22-235465

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-19 S3	1171.4	09/29/2021	WG	Turbidity	0.78	NTU	CAPA-21-234461
R-19 S3	1171.4	04/08/2021	WG	Turbidity	0.57	NTU	CAPA-21-221784
R-19 S3	1171.4	01/12/2021	WG	Turbidity	0.82	NTU	CAPA-21-217337
R-19 S3	1171.4	12/18/2020	WG	Turbidity	0.89	NTU	CAPA-21-209103
R-19 S3	1171.4	04/14/2015	WG	Turbidity	7.3	NTU	CAPA-15-93440
R-2	906.4	06/30/2022	WG	Dissolved Oxygen	4.2	mg/L	CAPU-22-253061
R-2	906.4	06/22/2021	WG	Dissolved Oxygen	3.92	mg/L	CAPU-21-229576
R-2	906.4	08/31/2020	WG	Dissolved Oxygen	3.99	mg/L	CAPU-20-206457
R-2	906.4	06/26/2019	WG	Dissolved Oxygen	4.16	mg/L	CAPU-19-181510
R-2	906.4	09/20/2018	WG	Dissolved Oxygen	3.81	mg/L	CAPU-18-160786
R-2	906.4	06/30/2022	WG	Flow	1.27	gpm	CAPU-22-253061
R-2	906.4	06/22/2021	WG	Flow	1.27	gpm	CAPU-21-229576
R-2	906.4	08/31/2020	WG	Flow	1.06	gpm	CAPU-20-206457
R-2	906.4	06/26/2019	WG	Flow	1.3	gpm	CAPU-19-181510
R-2	906.4	06/30/2022	WG	Oxidation-Reduction Potential	155.8	mV	CAPU-22-253061
R-2	906.4	06/22/2021	WG	Oxidation-Reduction Potential	161.4	mV	CAPU-21-229576
R-2	906.4	08/31/2020	WG	Oxidation-Reduction Potential	174.2	mV	CAPU-20-206457
R-2	906.4	06/26/2019	WG	Oxidation-Reduction Potential	88.3	mV	CAPU-19-181510
R-2	906.4	09/20/2018	WG	Oxidation-Reduction Potential	318.3	mV	CAPU-18-160786
R-2	906.4	06/30/2022	WG	pH	6.7	SU	CAPU-22-253061
R-2	906.4	06/22/2021	WG	pH	6.9	SU	CAPU-21-229576
R-2	906.4	08/31/2020	WG	pH	6.76	SU	CAPU-20-206457
R-2	906.4	06/26/2019	WG	pH	6.93	SU	CAPU-19-181510
R-2	906.4	09/20/2018	WG	pH	6.87	SU	CAPU-18-160786
R-2	906.4	06/30/2022	WG	Specific Conductance	140.2	µS/cm	CAPU-22-253061
R-2	906.4	06/22/2021	WG	Specific Conductance	142	µS/cm	CAPU-21-229576
R-2	906.4	08/31/2020	WG	Specific Conductance	142.1	µS/cm	CAPU-20-206457

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-2	906.4	06/26/2019	WG	Specific Conductance	141	µS/cm	CAPU-19-181510
R-2	906.4	09/20/2018	WG	Specific Conductance	140.5	µS/cm	CAPU-18-160786
R-2	906.4	06/30/2022	WG	Temperature	20.7	deg C	CAPU-22-253061
R-2	906.4	06/22/2021	WG	Temperature	22.4	deg C	CAPU-21-229576
R-2	906.4	08/31/2020	WG	Temperature	22.3	deg C	CAPU-20-206457
R-2	906.4	06/26/2019	WG	Temperature	24.3	deg C	CAPU-19-181510
R-2	906.4	09/20/2018	WG	Temperature	23.1	deg C	CAPU-18-160786
R-2	906.4	06/30/2022	WG	Turbidity	2.27	NTU	CAPU-22-253061
R-2	906.4	06/22/2021	WG	Turbidity	2.37	NTU	CAPU-21-229576
R-2	906.4	08/31/2020	WG	Turbidity	4.54	NTU	CAPU-20-206457
R-2	906.4	06/26/2019	WG	Turbidity	1.13	NTU	CAPU-19-181510
R-2	906.4	09/20/2018	WG	Turbidity	1.33	NTU	CAPU-18-160786
R-24	825.0	06/17/2022	WG	Dissolved Oxygen	2.2	mg/L	CAPU-22-250844
R-24	825.0	06/11/2021	WG	Dissolved Oxygen	2.48	mg/L	CAPU-21-229580
R-24	825.0	08/27/2020	WG	Dissolved Oxygen	4.05	mg/L	CAPU-20-206462
R-24	825.0	06/14/2019	WG	Dissolved Oxygen	3.83	mg/L	CAPU-19-181512
R-24	825.0	06/25/2018	WG	Dissolved Oxygen	2.95	mg/L	CAPU-18-94
R-24	825.0	06/17/2022	WG	Flow	4.47	gpm	CAPU-22-250844
R-24	825.0	06/11/2021	WG	Flow	4.34	gpm	CAPU-21-229580
R-24	825.0	08/27/2020	WG	Flow	4.35	gpm	CAPU-20-206462
R-24	825.0	06/14/2019	WG	Flow	4.48	gpm	CAPU-19-181512
R-24	825.0	06/17/2022	WG	Oxidation-Reduction Potential	388.5	mV	CAPU-22-250844
R-24	825.0	06/11/2021	WG	Oxidation-Reduction Potential	183.9	mV	CAPU-21-229580
R-24	825.0	08/27/2020	WG	Oxidation-Reduction Potential	118.9	mV	CAPU-20-206462
R-24	825.0	06/14/2019	WG	Oxidation-Reduction Potential	151.5	mV	CAPU-19-181512
R-24	825.0	06/25/2018	WG	Oxidation-Reduction Potential	163.5	mV	CAPU-18-94
R-24	825.0	06/17/2022	WG	pH	7.69	SU	CAPU-22-250844

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-24	825.0	06/11/2021	WG	pH	7.81	SU	CAPU-21-229580
R-24	825.0	08/27/2020	WG	pH	7.98	SU	CAPU-20-206462
R-24	825.0	06/14/2019	WG	pH	7.93	SU	CAPU-19-181512
R-24	825.0	06/25/2018	WG	pH	7.86	SU	CAPU-18-94
R-24	825.0	06/17/2022	WG	Specific Conductance	260.9	µS/cm	CAPU-22-250844
R-24	825.0	06/11/2021	WG	Specific Conductance	252.4	µS/cm	CAPU-21-229580
R-24	825.0	08/27/2020	WG	Specific Conductance	233.4	µS/cm	CAPU-20-206462
R-24	825.0	06/14/2019	WG	Specific Conductance	244.4	µS/cm	CAPU-19-181512
R-24	825.0	06/25/2018	WG	Specific Conductance	251.1	µS/cm	CAPU-18-94
R-24	825.0	06/17/2022	WG	Temperature	29	deg C	CAPU-22-250844
R-24	825.0	06/11/2021	WG	Temperature	29.2	deg C	CAPU-21-229580
R-24	825.0	08/27/2020	WG	Temperature	29	deg C	CAPU-20-206462
R-24	825.0	06/14/2019	WG	Temperature	29.3	deg C	CAPU-19-181512
R-24	825.0	06/25/2018	WG	Temperature	29.2	deg C	CAPU-18-94
R-24	825.0	06/17/2022	WG	Turbidity	1.08	NTU	CAPU-22-250844
R-24	825.0	06/11/2021	WG	Turbidity	0.4	NTU	CAPU-21-229580
R-24	825.0	08/27/2020	WG	Turbidity	0.37	NTU	CAPU-20-206462
R-24	825.0	06/14/2019	WG	Turbidity	0.41	NTU	CAPU-19-181512
R-24	825.0	06/25/2018	WG	Turbidity	0.17	NTU	CAPU-18-94
R-3	974.5	06/22/2022	WG	Dissolved Oxygen	4.67	mg/L	CAPU-22-250848
R-3	974.5	06/17/2021	WG	Dissolved Oxygen	4.78	mg/L	CAPU-21-229582
R-3	974.5	09/08/2020	WG	Dissolved Oxygen	4.37	mg/L	CAPU-20-206466
R-3	974.5	06/17/2019	WG	Dissolved Oxygen	4.68	mg/L	CAPU-19-181514
R-3	974.5	06/21/2018	WG	Dissolved Oxygen	4.6	mg/L	CAPU-18-97
R-3	974.5	06/22/2022	WG	Flow	6	gpm	CAPU-22-250848
R-3	974.5	06/17/2021	WG	Flow	5.88	gpm	CAPU-21-229582
R-3	974.5	09/08/2020	WG	Flow	5.88	gpm	CAPU-20-206466

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-3	974.5	06/17/2019	WG	Flow	5.88	gpm	CAPU-19-181514
R-3	974.5	06/22/2022	WG	Oxidation-Reduction Potential	174.3	mV	CAPU-22-250848
R-3	974.5	06/17/2021	WG	Oxidation-Reduction Potential	192.6	mV	CAPU-21-229582
R-3	974.5	09/08/2020	WG	Oxidation-Reduction Potential	191.2	mV	CAPU-20-206466
R-3	974.5	06/17/2019	WG	Oxidation-Reduction Potential	157	mV	CAPU-19-181514
R-3	974.5	06/21/2018	WG	Oxidation-Reduction Potential	205.8	mV	CAPU-18-97
R-3	974.5	06/22/2022	WG	pH	8.32	SU	CAPU-22-250848
R-3	974.5	06/17/2021	WG	pH	8.29	SU	CAPU-21-229582
R-3	974.5	09/08/2020	WG	pH	8.3	SU	CAPU-20-206466
R-3	974.5	06/17/2019	WG	pH	8.36	SU	CAPU-19-181514
R-3	974.5	06/21/2018	WG	pH	8.32	SU	CAPU-18-97
R-3	974.5	06/22/2022	WG	Specific Conductance	181.2	µS/cm	CAPU-22-250848
R-3	974.5	06/17/2021	WG	Specific Conductance	183.5	µS/cm	CAPU-21-229582
R-3	974.5	09/08/2020	WG	Specific Conductance	184.9	µS/cm	CAPU-20-206466
R-3	974.5	06/17/2019	WG	Specific Conductance	181.3	µS/cm	CAPU-19-181514
R-3	974.5	06/21/2018	WG	Specific Conductance	183.2	µS/cm	CAPU-18-97
R-3	974.5	06/22/2022	WG	Temperature	24.3	deg C	CAPU-22-250848
R-3	974.5	06/17/2021	WG	Temperature	25.7	deg C	CAPU-21-229582
R-3	974.5	09/08/2020	WG	Temperature	25	deg C	CAPU-20-206466
R-3	974.5	06/17/2019	WG	Temperature	25.2	deg C	CAPU-19-181514
R-3	974.5	06/21/2018	WG	Temperature	25.4	deg C	CAPU-18-97
R-3	974.5	06/22/2022	WG	Turbidity	0.31	NTU	CAPU-22-250848
R-3	974.5	06/17/2021	WG	Turbidity	0.57	NTU	CAPU-21-229582
R-3	974.5	09/08/2020	WG	Turbidity	0.38	NTU	CAPU-20-206466
R-3	974.5	06/17/2019	WG	Turbidity	0.19	NTU	CAPU-19-181514
R-3	974.5	06/21/2018	WG	Turbidity	0.2	NTU	CAPU-18-97
R-31 S3	666.3	02/08/2022	WG	Dissolved Oxygen	3.37	mg/L	CAAN-22-239734

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-31 S3	666.3	09/20/2021	WG	Dissolved Oxygen	3.09	mg/L	CAAN-21-234437
R-31 S3	666.3	06/02/2021	WG	Dissolved Oxygen	4.42	mg/L	CAAN-21-229060
R-31 S3	666.3	02/19/2021	WG	Dissolved Oxygen	3.08	mg/L	CAAN-21-218084
R-31 S3	666.3	12/16/2020	WG	Dissolved Oxygen	2.99	mg/L	CAAN-21-211085
R-31 S3	666.3	09/14/2010	WG	Dissolved Oxygen	7.66	mg/L	CAAN-10-25925
R-31 S3	666.3	02/08/2022	WG	Flow	5	gpm	CAAN-22-239734
R-31 S3	666.3	09/20/2021	WG	Flow	5	gpm	CAAN-21-234437
R-31 S3	666.3	06/02/2021	WG	Flow	5	gpm	CAAN-21-229060
R-31 S3	666.3	02/19/2021	WG	Flow	5.08	gpm	CAAN-21-218084
R-31 S3	666.3	12/16/2020	WG	Flow	5.08	gpm	CAAN-21-211085
R-31 S3	666.3	02/08/2022	WG	Oxidation-Reduction Potential	-104.5	mV	CAAN-22-239734
R-31 S3	666.3	09/20/2021	WG	Oxidation-Reduction Potential	-102.3	mV	CAAN-21-234437
R-31 S3	666.3	06/02/2021	WG	Oxidation-Reduction Potential	-40.3	mV	CAAN-21-229060
R-31 S3	666.3	02/19/2021	WG	Oxidation-Reduction Potential	-71.5	mV	CAAN-21-218084
R-31 S3	666.3	12/16/2020	WG	Oxidation-Reduction Potential	-102.8	mV	CAAN-21-211085
R-31 S3	666.3	02/08/2022	WG	pH	7.25	SU	CAAN-22-239734
R-31 S3	666.3	09/20/2021	WG	pH	7.35	SU	CAAN-21-234437
R-31 S3	666.3	06/02/2021	WG	pH	7.64	SU	CAAN-21-229060
R-31 S3	666.3	02/19/2021	WG	pH	7.55	SU	CAAN-21-218084
R-31 S3	666.3	12/16/2020	WG	pH	7.21	SU	CAAN-21-211085
R-31 S3	666.3	09/14/2010	WG	pH	7.12	SU	CAAN-10-25925
R-31 S3	666.3	02/08/2022	WG	Specific Conductance	121.2	µS/cm	CAAN-22-239734
R-31 S3	666.3	09/20/2021	WG	Specific Conductance	122.7	µS/cm	CAAN-21-234437
R-31 S3	666.3	06/02/2021	WG	Specific Conductance	123.2	µS/cm	CAAN-21-229060
R-31 S3	666.3	02/19/2021	WG	Specific Conductance	122.3	µS/cm	CAAN-21-218084
R-31 S3	666.3	12/16/2020	WG	Specific Conductance	121.9	µS/cm	CAAN-21-211085
R-31 S3	666.3	09/14/2010	WG	Specific Conductance	173	µS/cm	CAAN-10-25925

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-31 S3	666.3	02/08/2022	WG	Temperature	20	deg C	CAAN-22-239734
R-31 S3	666.3	09/20/2021	WG	Temperature	21.1	deg C	CAAN-21-234437
R-31 S3	666.3	06/02/2021	WG	Temperature	21.2	deg C	CAAN-21-229060
R-31 S3	666.3	02/19/2021	WG	Temperature	20.4	deg C	CAAN-21-218084
R-31 S3	666.3	12/16/2020	WG	Temperature	20.7	deg C	CAAN-21-211085
R-31 S3	666.3	09/14/2010	WG	Temperature	22.63	deg C	CAAN-10-25925
R-31 S3	666.3	02/08/2022	WG	Turbidity	6.99	NTU	CAAN-22-239734
R-31 S3	666.3	09/20/2021	WG	Turbidity	1.41	NTU	CAAN-21-234437
R-31 S3	666.3	06/02/2021	WG	Turbidity	0.33	NTU	CAAN-21-229060
R-31 S3	666.3	02/19/2021	WG	Turbidity	1.95	NTU	CAAN-21-218084
R-31 S3	666.3	12/16/2020	WG	Turbidity	3.78	NTU	CAAN-21-211085
R-31 S3	666.3	09/14/2010	WG	Turbidity	0.85	NTU	CAAN-10-25925
R-31 S4	826.6	02/09/2022	WG	Dissolved Oxygen	5.76	mg/L	CAAN-22-239772
R-31 S4	826.6	09/20/2021	WG	Dissolved Oxygen	5.6	mg/L	CAAN-21-234441
R-31 S4	826.6	06/04/2021	WG	Dissolved Oxygen	5.6	mg/L	CAAN-21-229063
R-31 S4	826.6	02/19/2021	WG	Dissolved Oxygen	5.59	mg/L	CAAN-21-218089
R-31 S4	826.6	12/18/2020	WG	Dissolved Oxygen	5.55	mg/L	CAAN-21-211089
R-31 S4	826.6	03/09/2016	WG	Dissolved Oxygen	7.07	mg/L	CAAN-16-110573
R-31 S4	826.6	02/09/2022	WG	Flow	5	gpm	CAAN-22-239772
R-31 S4	826.6	09/20/2021	WG	Flow	5.08	gpm	CAAN-21-234441
R-31 S4	826.6	06/04/2021	WG	Flow	5.08	gpm	CAAN-21-229063
R-31 S4	826.6	02/19/2021	WG	Flow	5.26	gpm	CAAN-21-218089
R-31 S4	826.6	12/18/2020	WG	Flow	5.17	gpm	CAAN-21-211089
R-31 S4	826.6	02/09/2022	WG	Oxidation-Reduction Potential	99.5	mV	CAAN-22-239772
R-31 S4	826.6	09/20/2021	WG	Oxidation-Reduction Potential	159.7	mV	CAAN-21-234441
R-31 S4	826.6	06/04/2021	WG	Oxidation-Reduction Potential	159.1	mV	CAAN-21-229063
R-31 S4	826.6	02/19/2021	WG	Oxidation-Reduction Potential	201.7	mV	CAAN-21-218089

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-31 S4	826.6	12/18/2020	WG	Oxidation-Reduction Potential	229.6	mV	CAAN-21-211089
R-31 S4	826.6	02/09/2022	WG	pH	7.88	SU	CAAN-22-239772
R-31 S4	826.6	09/20/2021	WG	pH	7.99	SU	CAAN-21-234441
R-31 S4	826.6	06/04/2021	WG	pH	8.01	SU	CAAN-21-229063
R-31 S4	826.6	02/19/2021	WG	pH	8.14	SU	CAAN-21-218089
R-31 S4	826.6	12/18/2020	WG	pH	8.06	SU	CAAN-21-211089
R-31 S4	826.6	03/09/2016	WG	pH	8.11	SU	CAAN-16-110573
R-31 S4	826.6	02/09/2022	WG	Specific Conductance	116.7	µS/cm	CAAN-22-239772
R-31 S4	826.6	09/20/2021	WG	Specific Conductance	117.3	µS/cm	CAAN-21-234441
R-31 S4	826.6	06/04/2021	WG	Specific Conductance	117.8	µS/cm	CAAN-21-229063
R-31 S4	826.6	02/19/2021	WG	Specific Conductance	117.3	µS/cm	CAAN-21-218089
R-31 S4	826.6	12/18/2020	WG	Specific Conductance	118.1	µS/cm	CAAN-21-211089
R-31 S4	826.6	03/09/2016	WG	Specific Conductance	119	µS/cm	CAAN-16-110573
R-31 S4	826.6	02/09/2022	WG	Temperature	21	deg C	CAAN-22-239772
R-31 S4	826.6	09/20/2021	WG	Temperature	22.2	deg C	CAAN-21-234441
R-31 S4	826.6	06/04/2021	WG	Temperature	22.1	deg C	CAAN-21-229063
R-31 S4	826.6	02/19/2021	WG	Temperature	21.6	deg C	CAAN-21-218089
R-31 S4	826.6	12/18/2020	WG	Temperature	21.3	deg C	CAAN-21-211089
R-31 S4	826.6	03/09/2016	WG	Temperature	19.71	deg C	CAAN-16-110573
R-31 S4	826.6	02/09/2022	WG	Turbidity	10.14	NTU	CAAN-22-239772
R-31 S4	826.6	09/20/2021	WG	Turbidity	15.5	NTU	CAAN-21-234441
R-31 S4	826.6	06/04/2021	WG	Turbidity	15.7	NTU	CAAN-21-229063
R-31 S4	826.6	02/19/2021	WG	Turbidity	26.3	NTU	CAAN-21-218089
R-31 S4	826.6	12/18/2020	WG	Turbidity	36.3	NTU	CAAN-21-211089
R-31 S4	826.6	03/09/2016	WG	Turbidity	3.6	NTU	CAAN-16-110573
R-34	883.7	11/05/2021	WG	Dissolved Oxygen	5.89	mg/L	CAMO-22-236478
R-34	883.7	11/12/2020	WG	Dissolved Oxygen	6.45	mg/L	CAMO-21-210601

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-34	883.7	11/13/2019	WG	Dissolved Oxygen	5.96	mg/L	CAMO-20-189291
R-34	883.7	11/15/2018	WG	Dissolved Oxygen	5.51	mg/L	CAMO-19-164046
R-34	883.7	11/15/2017	WG	Dissolved Oxygen	5.46	mg/L	CAMO-18-147982
R-34	883.7	11/05/2021	WG	Flow	2.8	gpm	CAMO-22-236478
R-34	883.7	11/12/2020	WG	Flow	2.78	gpm	CAMO-21-210601
R-34	883.7	11/13/2019	WG	Flow	2.78	gpm	CAMO-20-189291
R-34	883.7	11/15/2018	WG	Flow	2.83	gpm	CAMO-19-164046
R-34	883.7	11/05/2021	WG	Oxidation-Reduction Potential	262.9	mV	CAMO-22-236478
R-34	883.7	11/12/2020	WG	Oxidation-Reduction Potential	173	mV	CAMO-21-210601
R-34	883.7	11/13/2019	WG	Oxidation-Reduction Potential	195	mV	CAMO-20-189291
R-34	883.7	11/15/2018	WG	Oxidation-Reduction Potential	275.4	mV	CAMO-19-164046
R-34	883.7	11/15/2017	WG	Oxidation-Reduction Potential	193.1	mV	CAMO-18-147982
R-34	883.7	11/05/2021	WG	pH	8.22	SU	CAMO-22-236478
R-34	883.7	11/12/2020	WG	pH	8.09	SU	CAMO-21-210601
R-34	883.7	11/13/2019	WG	pH	8.25	SU	CAMO-20-189291
R-34	883.7	11/15/2018	WG	pH	8.33	SU	CAMO-19-164046
R-34	883.7	11/15/2017	WG	pH	8.3	SU	CAMO-18-147982
R-34	883.7	11/05/2021	WG	Specific Conductance	154.9	µS/cm	CAMO-22-236478
R-34	883.7	11/12/2020	WG	Specific Conductance	153.9	µS/cm	CAMO-21-210601
R-34	883.7	11/13/2019	WG	Specific Conductance	151.8	µS/cm	CAMO-20-189291
R-34	883.7	11/15/2018	WG	Specific Conductance	155.2	µS/cm	CAMO-19-164046
R-34	883.7	11/15/2017	WG	Specific Conductance	154.2	µS/cm	CAMO-18-147982
R-34	883.7	11/05/2021	WG	Temperature	21.5	deg C	CAMO-22-236478
R-34	883.7	11/12/2020	WG	Temperature	21.2	deg C	CAMO-21-210601
R-34	883.7	11/13/2019	WG	Temperature	21.3	deg C	CAMO-20-189291
R-34	883.7	11/15/2018	WG	Temperature	21.6	deg C	CAMO-19-164046
R-34	883.7	11/15/2017	WG	Temperature	21.3	deg C	CAMO-18-147982

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-34	883.7	11/05/2021	WG	Turbidity	0.43	NTU	CAMO-22-236478
R-34	883.7	11/12/2020	WG	Turbidity	1.6	NTU	CAMO-21-210601
R-34	883.7	11/13/2019	WG	Turbidity	1.2	NTU	CAMO-20-189291
R-34	883.7	11/15/2018	WG	Turbidity	1.85	NTU	CAMO-19-164046
R-34	883.7	11/15/2017	WG	Turbidity	1.66	NTU	CAMO-18-147982
R-3i	215.2	06/27/2022	WG	Dissolved Oxygen	7.11	mg/L	CAPU-22-250832
R-3i	215.2	06/21/2021	WG	Dissolved Oxygen	7.3	mg/L	CAPU-21-229571
R-3i	215.2	09/08/2020	WG	Dissolved Oxygen	7.09	mg/L	CAPU-20-206451
R-3i	215.2	06/24/2019	WG	Dissolved Oxygen	7.09	mg/L	CAPU-19-181506
R-3i	215.2	06/21/2018	WG	Dissolved Oxygen	7.38	mg/L	CAPU-18-83
R-3i	215.2	06/27/2022	WG	Flow	0.92	gpm	CAPU-22-250832
R-3i	215.2	09/08/2020	WG	Flow	0.56	gpm	CAPU-20-206451
R-3i	215.2	06/24/2019	WG	Flow	0.88	gpm	CAPU-19-181506
R-3i	215.2	06/27/2022	WG	Oxidation-Reduction Potential	212.3	mV	CAPU-22-250832
R-3i	215.2	06/21/2021	WG	Oxidation-Reduction Potential	161.9	mV	CAPU-21-229571
R-3i	215.2	09/08/2020	WG	Oxidation-Reduction Potential	190.8	mV	CAPU-20-206451
R-3i	215.2	06/24/2019	WG	Oxidation-Reduction Potential	203.5	mV	CAPU-19-181506
R-3i	215.2	06/21/2018	WG	Oxidation-Reduction Potential	207.5	mV	CAPU-18-83
R-3i	215.2	06/27/2022	WG	pH	7.33	SU	CAPU-22-250832
R-3i	215.2	06/21/2021	WG	pH	7.51	SU	CAPU-21-229571
R-3i	215.2	09/08/2020	WG	pH	7.47	SU	CAPU-20-206451
R-3i	215.2	06/24/2019	WG	pH	7.32	SU	CAPU-19-181506
R-3i	215.2	06/21/2018	WG	pH	7.4	SU	CAPU-18-83
R-3i	215.2	06/27/2022	WG	Specific Conductance	533	µS/cm	CAPU-22-250832
R-3i	215.2	06/21/2021	WG	Specific Conductance	534	µS/cm	CAPU-21-229571
R-3i	215.2	09/08/2020	WG	Specific Conductance	531	µS/cm	CAPU-20-206451
R-3i	215.2	06/24/2019	WG	Specific Conductance	536	µS/cm	CAPU-19-181506

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-3i	215.2	06/21/2018	WG	Specific Conductance	542	µS/cm	CAPU-18-83
R-3i	215.2	06/27/2022	WG	Temperature	13.4	deg C	CAPU-22-250832
R-3i	215.2	06/21/2021	WG	Temperature	14.3	deg C	CAPU-21-229571
R-3i	215.2	09/08/2020	WG	Temperature	14.2	deg C	CAPU-20-206451
R-3i	215.2	06/24/2019	WG	Temperature	13.8	deg C	CAPU-19-181506
R-3i	215.2	06/21/2018	WG	Temperature	13.8	deg C	CAPU-18-83
R-3i	215.2	06/27/2022	WG	Turbidity	0.99	NTU	CAPU-22-250832
R-3i	215.2	06/21/2021	WG	Turbidity	0.72	NTU	CAPU-21-229571
R-3i	215.2	09/08/2020	WG	Turbidity	0.44	NTU	CAPU-20-206451
R-3i	215.2	06/24/2019	WG	Turbidity	0.85	NTU	CAPU-19-181506
R-3i	215.2	06/21/2018	WG	Turbidity	1.46	NTU	CAPU-18-83
R-4	792.9	06/28/2022	WG	Dissolved Oxygen	4.79	mg/L	CAPU-22-250852
R-4	792.9	06/09/2021	WG	Dissolved Oxygen	3.17	mg/L	CAPU-21-229586
R-4	792.9	09/04/2020	WG	Dissolved Oxygen	6.67	mg/L	CAPU-20-206469
R-4	792.9	06/13/2019	WG	Dissolved Oxygen	5.6	mg/L	CAPU-19-181517
R-4	792.9	06/26/2018	WG	Dissolved Oxygen	6.21	mg/L	CAPU-18-102
R-4	792.9	06/28/2022	WG	Flow	5.26	gpm	CAPU-22-250852
R-4	792.9	06/09/2021	WG	Flow	5.26	gpm	CAPU-21-229586
R-4	792.9	09/04/2020	WG	Flow	5.26	gpm	CAPU-20-206469
R-4	792.9	06/13/2019	WG	Flow	5.26	gpm	CAPU-19-181517
R-4	792.9	06/28/2022	WG	Oxidation-Reduction Potential	129.2	mV	CAPU-22-250852
R-4	792.9	06/09/2021	WG	Oxidation-Reduction Potential	160.2	mV	CAPU-21-229586
R-4	792.9	09/04/2020	WG	Oxidation-Reduction Potential	149.5	mV	CAPU-20-206469
R-4	792.9	06/13/2019	WG	Oxidation-Reduction Potential	78.6	mV	CAPU-19-181517
R-4	792.9	06/26/2018	WG	Oxidation-Reduction Potential	77.1	mV	CAPU-18-102
R-4	792.9	06/28/2022	WG	pH	8.26	SU	CAPU-22-250852
R-4	792.9	06/09/2021	WG	pH	8.17	SU	CAPU-21-229586

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-4	792.9	09/04/2020	WG	pH	7.94	SU	CAPU-20-206469
R-4	792.9	06/13/2019	WG	pH	8.19	SU	CAPU-19-181517
R-4	792.9	06/26/2018	WG	pH	8.03	SU	CAPU-18-102
R-4	792.9	06/28/2022	WG	Specific Conductance	194.1	µS/cm	CAPU-22-250852
R-4	792.9	06/09/2021	WG	Specific Conductance	199.2	µS/cm	CAPU-21-229586
R-4	792.9	09/04/2020	WG	Specific Conductance	192.2	µS/cm	CAPU-20-206469
R-4	792.9	06/13/2019	WG	Specific Conductance	189.8	µS/cm	CAPU-19-181517
R-4	792.9	06/26/2018	WG	Specific Conductance	188.2	µS/cm	CAPU-18-102
R-4	792.9	06/28/2022	WG	Temperature	25.6	deg C	CAPU-22-250852
R-4	792.9	06/09/2021	WG	Temperature	25.4	deg C	CAPU-21-229586
R-4	792.9	09/04/2020	WG	Temperature	25.4	deg C	CAPU-20-206469
R-4	792.9	06/13/2019	WG	Temperature	25.3	deg C	CAPU-19-181517
R-4	792.9	06/26/2018	WG	Temperature	25.6	deg C	CAPU-18-102
R-4	792.9	06/28/2022	WG	Turbidity	0.32	NTU	CAPU-22-250852
R-4	792.9	06/09/2021	WG	Turbidity	0.51	NTU	CAPU-21-229586
R-4	792.9	09/04/2020	WG	Turbidity	3.54	NTU	CAPU-20-206469
R-4	792.9	06/13/2019	WG	Turbidity	0.37	NTU	CAPU-19-181517
R-4	792.9	06/26/2018	WG	Turbidity	0.18	NTU	CAPU-18-102
Sacred Spring	—	10/12/2021	WG	Dissolved Oxygen	3.62	mg/L	CAWR-22-234632
Sacred Spring	—	10/01/2020	WG	Dissolved Oxygen	6.67	mg/L	CAWR-21-208743
Sacred Spring	—	10/07/2019	WG	Dissolved Oxygen	5.3	mg/L	CAWR-20-186491
Sacred Spring	—	10/11/2018	WG	Dissolved Oxygen	4.62	mg/L	CAWR-19-162032
Sacred Spring	—	10/03/2017	WG	Dissolved Oxygen	3.03	mg/L	CAWR-18-147311
Sacred Spring	—	10/12/2021	WG	Flow	0.31	gpm	CAWR-22-234632
Sacred Spring	—	10/01/2020	WG	Flow	0.318	gpm	CAWR-21-208743
Sacred Spring	—	10/07/2019	WG	Flow	0.2	gpm	CAWR-20-186491
Sacred Spring	—	10/12/2021	WG	pH	7.232	SU	CAWR-22-234632

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Sacred Spring	—	10/01/2020	WG	pH	7.05	SU	CAWR-21-208743
Sacred Spring	—	10/07/2019	WG	pH	7.18	SU	CAWR-20-186491
Sacred Spring	—	10/11/2018	WG	pH	7.49	SU	CAWR-19-162032
Sacred Spring	—	10/03/2017	WG	pH	7.15	SU	CAWR-18-147311
Sacred Spring	—	10/12/2021	WG	Specific Conductance	323.3	µS/cm	CAWR-22-234632
Sacred Spring	—	10/01/2020	WG	Specific Conductance	288.5	µS/cm	CAWR-21-208743
Sacred Spring	—	10/07/2019	WG	Specific Conductance	340.7	µS/cm	CAWR-20-186491
Sacred Spring	—	10/11/2018	WG	Specific Conductance	431.2	µS/cm	CAWR-19-162032
Sacred Spring	—	10/03/2017	WG	Specific Conductance	356.6	µS/cm	CAWR-18-147311
Sacred Spring	—	10/12/2021	WG	Temperature	14	deg C	CAWR-22-234632
Sacred Spring	—	10/01/2020	WG	Temperature	14.7	deg C	CAWR-21-208743
Sacred Spring	—	10/07/2019	WG	Temperature	15.7	deg C	CAWR-20-186491
Sacred Spring	—	10/11/2018	WG	Temperature	14.4	deg C	CAWR-19-162032
Sacred Spring	—	10/03/2017	WG	Temperature	15	deg C	CAWR-18-147311
Sacred Spring	—	10/12/2021	WG	Turbidity	3.33	NTU	CAWR-22-234632
Sacred Spring	—	10/01/2020	WG	Turbidity	2	NTU	CAWR-21-208743
Sacred Spring	—	10/07/2019	WG	Turbidity	0.61	NTU	CAWR-20-186491
Sacred Spring	—	10/11/2018	WG	Turbidity	1.9	NTU	CAWR-19-162032
Sacred Spring	—	10/03/2017	WG	Turbidity	1.5	NTU	CAWR-18-147311
Spring 1	—	10/07/2021	WG	Dissolved Oxygen	6.06	mg/L	CAWR-22-234635
Spring 1	—	10/06/2020	WG	Dissolved Oxygen	6.98	mg/L	CAWR-21-208748
Spring 1	—	10/08/2019	WG	Dissolved Oxygen	6.45	mg/L	CAWR-20-186513
Spring 1	—	10/02/2018	WG	Dissolved Oxygen	6.55	mg/L	CAWR-19-162043
Spring 1	—	10/10/2017	WG	Dissolved Oxygen	5.66	mg/L	CAWR-18-147356
Spring 1	—	10/07/2021	WG	Flow	0.73	gpm	CAWR-22-234635
Spring 1	—	10/06/2020	WG	Flow	0.735	gpm	CAWR-21-208748
Spring 1	—	10/08/2019	WG	Flow	10.9	gpm	CAWR-20-186513

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Spring 1	—	10/07/2021	WG	pH	7.78	SU	CAWR-22-234635
Spring 1	—	10/06/2020	WG	pH	7.94	SU	CAWR-21-208748
Spring 1	—	10/08/2019	WG	pH	8.1	SU	CAWR-20-186513
Spring 1	—	10/02/2018	WG	pH	7.83	SU	CAWR-19-162043
Spring 1	—	10/10/2017	WG	pH	7.7	SU	CAWR-18-147356
Spring 1	—	10/07/2021	WG	Specific Conductance	214.2	µS/cm	CAWR-22-234635
Spring 1	—	10/06/2020	WG	Specific Conductance	212.5	µS/cm	CAWR-21-208748
Spring 1	—	10/08/2019	WG	Specific Conductance	212.7	µS/cm	CAWR-20-186513
Spring 1	—	10/02/2018	WG	Specific Conductance	217	µS/cm	CAWR-19-162043
Spring 1	—	10/10/2017	WG	Specific Conductance	227.9	µS/cm	CAWR-18-147356
Spring 1	—	10/07/2021	WG	Temperature	18.3	deg C	CAWR-22-234635
Spring 1	—	10/06/2020	WG	Temperature	18	deg C	CAWR-21-208748
Spring 1	—	10/08/2019	WG	Temperature	18.5	deg C	CAWR-20-186513
Spring 1	—	10/02/2018	WG	Temperature	20.4	deg C	CAWR-19-162043
Spring 1	—	10/10/2017	WG	Temperature	16.6	deg C	CAWR-18-147356
Spring 1	—	10/07/2021	WG	Turbidity	16.04	NTU	CAWR-22-234635
Spring 1	—	10/06/2020	WG	Turbidity	6.8	NTU	CAWR-21-208748
Spring 1	—	10/08/2019	WG	Turbidity	1.27	NTU	CAWR-20-186513
Spring 1	—	10/02/2018	WG	Turbidity	7.6	NTU	CAWR-19-162043
Spring 1	—	10/10/2017	WG	Turbidity	3.1	NTU	CAWR-18-147356
Spring 3	—	10/04/2021	WG	Dissolved Oxygen	6.25	mg/L	CAWR-22-234637
Spring 3	—	10/02/2020	WG	Dissolved Oxygen	6.7	mg/L	CAWR-21-208753
Spring 3	—	10/01/2019	WG	Dissolved Oxygen	6.46	mg/L	CAWR-20-186535
Spring 3	—	10/02/2018	WG	Dissolved Oxygen	6.73	mg/L	CAWR-19-162049
Spring 3	—	10/10/2017	WG	Dissolved Oxygen	6.89	mg/L	CAWR-18-147408
Spring 3	—	10/04/2021	WG	pH	7.62	SU	CAWR-22-234637
Spring 3	—	10/02/2020	WG	pH	7.34	SU	CAWR-21-208753

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Spring 3	—	10/01/2019	WG	pH	7.83	SU	CAWR-20-186535
Spring 3	—	10/02/2018	WG	pH	7.93	SU	CAWR-19-162049
Spring 3	—	10/10/2017	WG	pH	7.9	SU	CAWR-18-147408
Spring 3	—	10/04/2021	WG	Specific Conductance	211.5	µS/cm	CAWR-22-234637
Spring 3	—	10/02/2020	WG	Specific Conductance	210.7	µS/cm	CAWR-21-208753
Spring 3	—	10/01/2019	WG	Specific Conductance	208.5	µS/cm	CAWR-20-186535
Spring 3	—	10/02/2018	WG	Specific Conductance	211.4	µS/cm	CAWR-19-162049
Spring 3	—	10/10/2017	WG	Specific Conductance	211.2	µS/cm	CAWR-18-147408
Spring 3	—	10/04/2021	WG	Temperature	20.9	deg C	CAWR-22-234637
Spring 3	—	10/02/2020	WG	Temperature	19.7	deg C	CAWR-21-208753
Spring 3	—	10/01/2019	WG	Temperature	21	deg C	CAWR-20-186535
Spring 3	—	10/02/2018	WG	Temperature	21.5	deg C	CAWR-19-162049
Spring 3	—	10/10/2017	WG	Temperature	18.6	deg C	CAWR-18-147408
Spring 3	—	10/04/2021	WG	Turbidity	0.7	NTU	CAWR-22-234637
Spring 3	—	10/02/2020	WG	Turbidity	2.2	NTU	CAWR-21-208752
Spring 3	—	10/01/2019	WG	Turbidity	1.31	NTU	CAWR-20-186535
Spring 3	—	10/02/2018	WG	Turbidity	0.6	NTU	CAWR-19-162049
Spring 3	—	10/10/2017	WG	Turbidity	3.1	NTU	CAWR-18-147408
Spring 3A	—	10/04/2021	WG	Dissolved Oxygen	6.33	mg/L	CAWR-22-234639
Spring 3A	—	10/01/2019	WG	Dissolved Oxygen	6.39	mg/L	CAWR-20-188069
Spring 3A	—	10/02/2018	WG	Dissolved Oxygen	6.45	mg/L	CAWR-19-162061
Spring 3A	—	10/02/2018	WG	Dissolved Oxygen	6.45	mg/L	CAWR-19-162060
Spring 3A	—	10/10/2017	WG	Dissolved Oxygen	6.33	mg/L	CAWR-18-147409
Spring 3A	—	10/11/2016	WG	Dissolved Oxygen	6.47	mg/L	CAWR-16-126327
Spring 3A	—	10/04/2021	WG	Flow	46.68	gpm	CAWR-22-234639
Spring 3A	—	10/01/2019	WG	Flow	40.39	gpm	CAWR-20-188069
Spring 3A	—	10/02/2018	WG	Flow	46.68	gpm	CAWR-19-162061

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Spring 3A	—	10/04/2021	WG	pH	7.57	SU	CAWR-22-234639
Spring 3A	—	10/01/2019	WG	pH	7.55	SU	CAWR-20-188069
Spring 3A	—	10/02/2018	WG	pH	8.02	SU	CAWR-19-162061
Spring 3A	—	10/02/2018	WG	pH	8.02	SU	CAWR-19-162060
Spring 3A	—	10/10/2017	WG	pH	7.62	SU	CAWR-18-147409
Spring 3A	—	10/11/2016	WG	pH	7.55	SU	CAWR-16-126327
Spring 3A	—	10/04/2021	WG	Specific Conductance	196	µS/cm	CAWR-22-234639
Spring 3A	—	10/01/2019	WG	Specific Conductance	196	µS/cm	CAWR-20-188069
Spring 3A	—	10/02/2018	WG	Specific Conductance	197.1	µS/cm	CAWR-19-162061
Spring 3A	—	10/02/2018	WG	Specific Conductance	197.1	µS/cm	CAWR-19-162060
Spring 3A	—	10/10/2017	WG	Specific Conductance	196.5	µS/cm	CAWR-18-147409
Spring 3A	—	10/11/2016	WG	Specific Conductance	203.4	µS/cm	CAWR-16-126327
Spring 3A	—	10/04/2021	WG	Temperature	19.9	deg C	CAWR-22-234639
Spring 3A	—	10/01/2019	WG	Temperature	19.8	deg C	CAWR-20-188069
Spring 3A	—	10/02/2018	WG	Temperature	19.9	deg C	CAWR-19-162061
Spring 3A	—	10/02/2018	WG	Temperature	19.9	deg C	CAWR-19-162060
Spring 3A	—	10/10/2017	WG	Temperature	19.7	deg C	CAWR-18-147409
Spring 3A	—	10/11/2016	WG	Temperature	20	deg C	CAWR-16-126327
Spring 3A	—	10/04/2021	WG	Turbidity	0	NTU	CAWR-22-234639
Spring 3A	—	10/01/2019	WG	Turbidity	6.43	NTU	CAWR-20-188069
Spring 3A	—	10/02/2018	WG	Turbidity	0.36	NTU	CAWR-19-162061
Spring 3A	—	10/02/2018	WG	Turbidity	0.36	NTU	CAWR-19-162060
Spring 3A	—	10/10/2017	WG	Turbidity	1	NTU	CAWR-18-147409
Spring 3A	—	10/11/2016	WG	Turbidity	5	NTU	CAWR-16-126327
Spring 3AA	—	10/04/2021	WG	Dissolved Oxygen	6.36	mg/L	CAWR-22-234641
Spring 3AA	—	10/01/2019	WG	Dissolved Oxygen	6.54	mg/L	CAWR-20-186697
Spring 3AA	—	10/02/2018	WG	Dissolved Oxygen	6.44	mg/L	CAWR-19-162067

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Spring 3AA	—	10/10/2017	WG	Dissolved Oxygen	6.43	mg/L	CAWR-18-147410
Spring 3AA	—	10/11/2016	WG	Dissolved Oxygen	6.06	mg/L	CAWR-16-126328
Spring 3AA	—	10/04/2021	WG	Flow	0.18	gpm	CAWR-22-234641
Spring 3AA	—	10/01/2019	WG	Flow	0.24	gpm	CAWR-20-186697
Spring 3AA	—	10/04/2021	WG	pH	7.8	SU	CAWR-22-234641
Spring 3AA	—	10/01/2019	WG	pH	8.04	SU	CAWR-20-186697
Spring 3AA	—	10/02/2018	WG	pH	7.69	SU	CAWR-19-162067
Spring 3AA	—	10/10/2017	WG	pH	7.6	SU	CAWR-18-147410
Spring 3AA	—	10/11/2016	WG	pH	7.86	SU	CAWR-16-126328
Spring 3AA	—	10/04/2021	WG	Specific Conductance	174.9	µS/cm	CAWR-22-234641
Spring 3AA	—	10/01/2019	WG	Specific Conductance	173	µS/cm	CAWR-20-186697
Spring 3AA	—	10/02/2018	WG	Specific Conductance	173.2	µS/cm	CAWR-19-162067
Spring 3AA	—	10/10/2017	WG	Specific Conductance	167.3	µS/cm	CAWR-18-147410
Spring 3AA	—	10/11/2016	WG	Specific Conductance	171.7	µS/cm	CAWR-16-126328
Spring 3AA	—	10/04/2021	WG	Temperature	21.1	deg C	CAWR-22-234641
Spring 3AA	—	10/01/2019	WG	Temperature	21.4	deg C	CAWR-20-186697
Spring 3AA	—	10/02/2018	WG	Temperature	21	deg C	CAWR-19-162067
Spring 3AA	—	10/10/2017	WG	Temperature	19	deg C	CAWR-18-147410
Spring 3AA	—	10/11/2016	WG	Temperature	20.1	deg C	CAWR-16-126328
Spring 3AA	—	10/04/2021	WG	Turbidity	3.34	NTU	CAWR-22-234641
Spring 3AA	—	10/01/2019	WG	Turbidity	1.05	NTU	CAWR-20-186697
Spring 3AA	—	10/02/2018	WG	Turbidity	0.6	NTU	CAWR-19-162067
Spring 3AA	—	10/10/2017	WG	Turbidity	0.8	NTU	CAWR-18-147410
Spring 3AA	—	10/11/2016	WG	Turbidity	8	NTU	CAWR-16-126328
Spring 4	—	10/04/2021	WG	Dissolved Oxygen	7	mg/L	CAWR-22-234643
Spring 4	—	10/05/2020	WG	Dissolved Oxygen	7.6	mg/L	CAWR-21-208755
Spring 4	—	10/01/2019	WG	Dissolved Oxygen	7.09	mg/L	CAWR-20-186701

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Spring 4	—	10/02/2018	WG	Dissolved Oxygen	7.11	mg/L	CAWR-19-162849
Spring 4	—	10/02/2018	WG	Dissolved Oxygen	7.11	mg/L	CAWR-19-162069
Spring 4	—	10/10/2017	WG	Dissolved Oxygen	7.33	mg/L	CAWR-18-147401
Spring 4	—	10/04/2021	WG	Flow	72.7	gpm	CAWR-22-234643
Spring 4	—	10/05/2020	WG	Flow	11.33	gpm	CAWR-21-208755
Spring 4	—	10/01/2019	WG	Flow	26.7	gpm	CAWR-20-186701
Spring 4	—	10/02/2018	WG	Flow	15.71	gpm	CAWR-19-162849
Spring 4	—	10/04/2021	WG	pH	7.57	SU	CAWR-22-234643
Spring 4	—	10/05/2020	WG	pH	7.16	SU	CAWR-21-208755
Spring 4	—	10/01/2019	WG	pH	7.77	SU	CAWR-20-186701
Spring 4	—	10/02/2018	WG	pH	7.79	SU	CAWR-19-162849
Spring 4	—	10/02/2018	WG	pH	7.79	SU	CAWR-19-162069
Spring 4	—	10/10/2017	WG	pH	7.27	SU	CAWR-18-147401
Spring 4	—	10/04/2021	WG	Specific Conductance	219.5	µS/cm	CAWR-22-234643
Spring 4	—	10/05/2020	WG	Specific Conductance	213.3	µS/cm	CAWR-21-208755
Spring 4	—	10/01/2019	WG	Specific Conductance	216.4	µS/cm	CAWR-20-186701
Spring 4	—	10/02/2018	WG	Specific Conductance	220	µS/cm	CAWR-19-162069
Spring 4	—	10/10/2017	WG	Specific Conductance	217.3	µS/cm	CAWR-18-147401
Spring 4	—	10/04/2021	WG	Temperature	19.3	deg C	CAWR-22-234643
Spring 4	—	10/05/2020	WG	Temperature	16.8	deg C	CAWR-21-208755
Spring 4	—	10/01/2019	WG	Temperature	18.4	deg C	CAWR-20-186701
Spring 4	—	10/02/2018	WG	Temperature	18	deg C	CAWR-19-162849
Spring 4	—	10/02/2018	WG	Temperature	18	deg C	CAWR-19-162069
Spring 4	—	10/10/2017	WG	Temperature	16.9	deg C	CAWR-18-147401
Spring 4	—	10/04/2021	WG	Turbidity	0.78	NTU	CAWR-22-234643
Spring 4	—	10/05/2020	WG	Turbidity	0.6	NTU	CAWR-21-208755
Spring 4	—	10/01/2019	WG	Turbidity	0.46	NTU	CAWR-20-186701

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Spring 4	—	10/02/2018	WG	Turbidity	2.1	NTU	CAWR-19-162849
Spring 4	—	10/02/2018	WG	Turbidity	2.1	NTU	CAWR-19-162069
Spring 4	—	10/10/2017	WG	Turbidity	2	NTU	CAWR-18-147401
Spring 4A	—	10/04/2021	WG	Dissolved Oxygen	7.04	mg/L	CAWR-22-234645
Spring 4A	—	10/01/2019	WG	Dissolved Oxygen	6.5	mg/L	CAWR-20-186704
Spring 4A	—	10/03/2018	WG	Dissolved Oxygen	6.89	mg/L	CAWR-19-162077
Spring 4A	—	10/11/2017	WG	Dissolved Oxygen	6.46	mg/L	CAWR-18-147319
Spring 4A	—	10/12/2016	WG	Dissolved Oxygen	6.94	mg/L	CAWR-16-126330
Spring 4A	—	10/04/2021	WG	pH	7.28	SU	CAWR-22-234645
Spring 4A	—	10/01/2019	WG	pH	7.71	SU	CAWR-20-186704
Spring 4A	—	10/03/2018	WG	pH	7.64	SU	CAWR-19-162077
Spring 4A	—	10/11/2017	WG	pH	7.71	SU	CAWR-18-147319
Spring 4A	—	10/12/2016	WG	pH	7.6	SU	CAWR-16-126330
Spring 4A	—	10/04/2021	WG	Specific Conductance	208.8	µS/cm	CAWR-22-234645
Spring 4A	—	10/01/2019	WG	Specific Conductance	205.7	µS/cm	CAWR-20-186704
Spring 4A	—	10/03/2018	WG	Specific Conductance	97.1	µS/cm	CAWR-19-162077
Spring 4A	—	10/11/2017	WG	Specific Conductance	201.9	µS/cm	CAWR-18-147319
Spring 4A	—	10/12/2016	WG	Specific Conductance	203.6	µS/cm	CAWR-16-126330
Spring 4A	—	10/04/2021	WG	Temperature	20.3	deg C	CAWR-22-234645
Spring 4A	—	10/01/2019	WG	Temperature	21.3	deg C	CAWR-20-186704
Spring 4A	—	10/03/2018	WG	Temperature	20.9	deg C	CAWR-19-162077
Spring 4A	—	10/11/2017	WG	Temperature	19.4	deg C	CAWR-18-147319
Spring 4A	—	10/12/2016	WG	Temperature	20.2	deg C	CAWR-16-126330
Spring 4A	—	10/04/2021	WG	Turbidity	0.34	NTU	CAWR-22-234645
Spring 4A	—	10/01/2019	WG	Turbidity	0.21	NTU	CAWR-20-186704
Spring 4A	—	10/03/2018	WG	Turbidity	7.9	NTU	CAWR-19-162077
Spring 4A	—	10/11/2017	WG	Turbidity	0.1	NTU	CAWR-18-147319

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Spring 4A	—	10/12/2016	WG	Turbidity	0.7	NTU	CAWR-16-126330
Spring 4AA	—	10/04/2021	WG	Dissolved Oxygen	6.48	mg/L	CAWR-22-234647
Spring 4AA	—	10/01/2019	WG	Dissolved Oxygen	5.72	mg/L	CAWR-20-186707
Spring 4AA	—	10/03/2018	WG	Dissolved Oxygen	5.84	mg/L	CAWR-19-162080
Spring 4AA	—	10/11/2017	WG	Dissolved Oxygen	4.6	mg/L	CAWR-18-147320
Spring 4AA	—	10/12/2016	WG	Dissolved Oxygen	5.68	mg/L	CAWR-16-126331
Spring 4AA	—	10/04/2021	WG	Flow	1.13	gpm	CAWR-22-234647
Spring 4AA	—	10/01/2019	WG	Flow	3.49	gpm	CAWR-20-186707
Spring 4AA	—	10/04/2021	WG	pH	6.84	SU	CAWR-22-234647
Spring 4AA	—	10/01/2019	WG	pH	7.23	SU	CAWR-20-186707
Spring 4AA	—	10/03/2018	WG	pH	7.45	SU	CAWR-19-162080
Spring 4AA	—	10/11/2017	WG	pH	7.18	SU	CAWR-18-147320
Spring 4AA	—	10/12/2016	WG	pH	7.2	SU	CAWR-16-126331
Spring 4AA	—	10/04/2021	WG	Specific Conductance	217.2	µS/cm	CAWR-22-234647
Spring 4AA	—	10/01/2019	WG	Specific Conductance	215	µS/cm	CAWR-20-186707
Spring 4AA	—	10/03/2018	WG	Specific Conductance	211.6	µS/cm	CAWR-19-162080
Spring 4AA	—	10/11/2017	WG	Specific Conductance	213.3	µS/cm	CAWR-18-147320
Spring 4AA	—	10/12/2016	WG	Specific Conductance	210.9	µS/cm	CAWR-16-126331
Spring 4AA	—	10/04/2021	WG	Temperature	18.8	deg C	CAWR-22-234647
Spring 4AA	—	10/01/2019	WG	Temperature	20.1	deg C	CAWR-20-186707
Spring 4AA	—	10/03/2018	WG	Temperature	20.4	deg C	CAWR-19-162080
Spring 4AA	—	10/11/2017	WG	Temperature	18.7	deg C	CAWR-18-147320
Spring 4AA	—	10/12/2016	WG	Temperature	18.7	deg C	CAWR-16-126331
Spring 4AA	—	10/04/2021	WG	Turbidity	1.22	NTU	CAWR-22-234647
Spring 4AA	—	10/01/2019	WG	Turbidity	2.63	NTU	CAWR-20-186707
Spring 4AA	—	10/03/2018	WG	Turbidity	0.7	NTU	CAWR-19-162080
Spring 4AA	—	10/11/2017	WG	Turbidity	1.3	NTU	CAWR-18-147320

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Spring 4AA	—	10/12/2016	WG	Turbidity	1.7	NTU	CAWR-16-126331
Spring 5	—	10/05/2021	WG	Dissolved Oxygen	7.12	mg/L	CAWR-22-234651
Spring 5	—	10/02/2019	WG	Dissolved Oxygen	7.01	mg/L	CAWR-20-186713
Spring 5	—	10/03/2018	WG	Dissolved Oxygen	6.97	mg/L	CAWR-19-162086
Spring 5	—	10/03/2018	WG	Dissolved Oxygen	6.97	mg/L	CAWR-19-162085
Spring 5	—	10/11/2017	WG	Dissolved Oxygen	6.61	mg/L	CAWR-18-147414
Spring 5	—	10/12/2016	WG	Dissolved Oxygen	6.96	mg/L	CAWR-16-126333
Spring 5	—	10/05/2021	WG	Flow	3.61	gpm	CAWR-22-234651
Spring 5	—	10/02/2019	WG	Flow	4.31	gpm	CAWR-20-186713
Spring 5	—	10/03/2018	WG	Flow	3.23	gpm	CAWR-19-162086
Spring 5	—	10/03/2018	WG	Flow	3.23	gpm	CAWR-19-162085
Spring 5	—	10/05/2021	WG	pH	7.92	SU	CAWR-22-234651
Spring 5	—	10/02/2019	WG	pH	7.65	SU	CAWR-20-186713
Spring 5	—	10/03/2018	WG	pH	8.31	SU	CAWR-19-162086
Spring 5	—	10/03/2018	WG	pH	8.31	SU	CAWR-19-162085
Spring 5	—	10/11/2017	WG	pH	7.64	SU	CAWR-18-147414
Spring 5	—	10/12/2016	WG	pH	7.6	SU	CAWR-16-126333
Spring 5	—	10/05/2021	WG	Specific Conductance	182.7	µS/cm	CAWR-22-234651
Spring 5	—	10/02/2019	WG	Specific Conductance	182.9	µS/cm	CAWR-20-186713
Spring 5	—	10/03/2018	WG	Specific Conductance	186.4	µS/cm	CAWR-19-162086
Spring 5	—	10/03/2018	WG	Specific Conductance	186.4	µS/cm	CAWR-19-162085
Spring 5	—	10/11/2017	WG	Specific Conductance	180.7	µS/cm	CAWR-18-147414
Spring 5	—	10/12/2016	WG	Specific Conductance	188.3	µS/cm	CAWR-16-126333
Spring 5	—	10/05/2021	WG	Temperature	20.8	deg C	CAWR-22-234651
Spring 5	—	10/02/2019	WG	Temperature	21.2	deg C	CAWR-20-186713
Spring 5	—	10/03/2018	WG	Temperature	20.9	deg C	CAWR-19-162086
Spring 5	—	10/03/2018	WG	Temperature	20.9	deg C	CAWR-19-162085

Location ID	Screen Depth (ft)	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	—	10/12/2016	WG	Temperature	21.1	deg C	CAWR-16-126333
Spring 5	—	10/05/2021	WG	Turbidity	0	NTU	CAWR-22-234651
Spring 5	—	10/02/2019	WG	Turbidity	0.04	NTU	CAWR-20-186713
Spring 5	—	10/03/2018	WG	Turbidity	0.01	NTU	CAWR-19-162086
Spring 5	—	10/03/2018	WG	Turbidity	0.01	NTU	CAWR-19-162085
Spring 5	—	10/11/2017	WG	Turbidity	0.14	NTU	CAWR-18-147414
Spring 5	—	10/12/2016	WG	Turbidity	0.7	NTU	CAWR-16-126333
Spring 5B	—	10/05/2021	WG	Dissolved Oxygen	7.93	mg/L	CAWR-22-234653
Spring 5B	—	10/02/2019	WG	Dissolved Oxygen	7.9	mg/L	CAWR-20-186716
Spring 5B	—	10/03/2018	WG	Dissolved Oxygen	7.69	mg/L	CAWR-19-162092
Spring 5B	—	10/12/2016	WG	Dissolved Oxygen	7.88	mg/L	CAWR-16-126335
Spring 5B	—	10/07/2015	WG	Dissolved Oxygen	7.64	mg/L	CAWR-16-104432
Spring 5B	—	10/05/2021	WG	Flow	0.4	gpm	CAWR-22-234653
Spring 5B	—	10/02/2019	WG	Flow	0.84	gpm	CAWR-20-186716
Spring 5B	—	10/03/2018	WG	Flow	13.9	gpm	CAWR-19-162092
Spring 5B	—	10/05/2021	WG	pH	8.32	SU	CAWR-22-234653
Spring 5B	—	10/02/2019	WG	pH	8.6	SU	CAWR-20-186716
Spring 5B	—	10/03/2018	WG	pH	8.45	SU	CAWR-19-162092
Spring 5B	—	10/12/2016	WG	pH	8.15	SU	CAWR-16-126335
Spring 5B	—	10/07/2015	WG	pH	7.98	SU	CAWR-16-104432
Spring 5B	—	10/05/2021	WG	Specific Conductance	168.5	µS/cm	CAWR-22-234653
Spring 5B	—	10/02/2019	WG	Specific Conductance	168.3	µS/cm	CAWR-20-186716
Spring 5B	—	10/03/2018	WG	Specific Conductance	169.5	µS/cm	CAWR-19-162092
Spring 5B	—	10/12/2016	WG	Specific Conductance	174	µS/cm	CAWR-16-126335
Spring 5B	—	10/07/2015	WG	Specific Conductance	168	µS/cm	CAWR-16-104432
Spring 5B	—	10/05/2021	WG	Temperature	16.7	deg C	CAWR-22-234653

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Spring 5B	—	10/02/2019	WG	Temperature	16.5	deg C	CAWR-20-186716
Spring 5B	—	10/03/2018	WG	Temperature	17.8	deg C	CAWR-19-162092
Spring 5B	—	10/12/2016	WG	Temperature	18.4	deg C	CAWR-16-126335
Spring 5B	—	10/07/2015	WG	Temperature	17.8	deg C	CAWR-16-104432
Spring 5B	—	10/05/2021	WG	Turbidity	0.26	NTU	CAWR-22-234653
Spring 5B	—	10/02/2019	WG	Turbidity	1.26	NTU	CAWR-20-186716
Spring 5B	—	10/03/2018	WG	Turbidity	0.7	NTU	CAWR-19-162092
Spring 5B	—	10/12/2016	WG	Turbidity	1.2	NTU	CAWR-16-126335
Spring 5B	—	10/07/2015	WG	Turbidity	9	NTU	CAWR-16-104432
Spring 6	—	10/05/2021	WG	Dissolved Oxygen	6.38	mg/L	CAWR-22-234655
Spring 6	—	10/02/2019	WG	Dissolved Oxygen	6.38	mg/L	CAWR-20-186719
Spring 6	—	10/03/2018	WG	Dissolved Oxygen	6.9	mg/L	CAWR-19-162095
Spring 6	—	10/11/2017	WG	Dissolved Oxygen	6.57	mg/L	CAWR-18-147417
Spring 6	—	10/12/2016	WG	Dissolved Oxygen	6.67	mg/L	CAWR-16-126336
Spring 6	—	10/05/2021	WG	Flow	0.62	gpm	CAWR-22-234655
Spring 6	—	10/02/2019	WG	Flow	0.56	gpm	CAWR-20-186719
Spring 6	—	10/03/2018	WG	Flow	15.4	gpm	CAWR-19-162095
Spring 6	—	10/05/2021	WG	pH	7.55	SU	CAWR-22-234655
Spring 6	—	10/02/2019	WG	pH	8.01	SU	CAWR-20-186719
Spring 6	—	10/03/2018	WG	pH	7.72	SU	CAWR-19-162095
Spring 6	—	10/11/2017	WG	pH	7.75	SU	CAWR-18-147417
Spring 6	—	10/12/2016	WG	pH	7.42	SU	CAWR-16-126336
Spring 6	—	10/05/2021	WG	Specific Conductance	139.8	µS/cm	CAWR-22-234655
Spring 6	—	10/02/2019	WG	Specific Conductance	140.3	µS/cm	CAWR-20-186719
Spring 6	—	10/03/2018	WG	Specific Conductance	137.7	µS/cm	CAWR-19-162095
Spring 6	—	10/11/2017	WG	Specific Conductance	135.4	µS/cm	CAWR-18-147417
Spring 6	—	10/12/2016	WG	Specific Conductance	136	µS/cm	CAWR-16-126336

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Spring 6	—	10/05/2021	WG	Temperature	25.7	deg C	CAWR-22-234655
Spring 6	—	10/02/2019	WG	Temperature	23.3	deg C	CAWR-20-186719
Spring 6	—	10/03/2018	WG	Temperature	21.8	deg C	CAWR-19-162095
Spring 6	—	10/11/2017	WG	Temperature	20.9	deg C	CAWR-18-147417
Spring 6	—	10/12/2016	WG	Temperature	21.5	deg C	CAWR-16-126336
Spring 6	—	10/05/2021	WG	Turbidity	0.08	NTU	CAWR-22-234655
Spring 6	—	10/02/2019	WG	Turbidity	1.43	NTU	CAWR-20-186719
Spring 6	—	10/03/2018	WG	Turbidity	0.5	NTU	CAWR-19-162095
Spring 6	—	10/11/2017	WG	Turbidity	0.2	NTU	CAWR-18-147417
Spring 6	—	10/12/2016	WG	Turbidity	0.2	NTU	CAWR-16-126336
Spring 6A	—	10/05/2021	WG	Dissolved Oxygen	5.79	mg/L	CAWR-22-234657
Spring 6A	—	10/02/2019	WG	Dissolved Oxygen	6.76	mg/L	CAWR-20-186723
Spring 6A	—	10/12/2017	WG	Dissolved Oxygen	5.84	mg/L	CAWR-18-147326
Spring 6A	—	10/01/2014	WG	Dissolved Oxygen	4.15	mg/L	CAWR-14-86955
Spring 6A	—	09/25/2012	WG	Dissolved Oxygen	5.21	mg/L	CAWR-12-23449
Spring 6A	—	10/05/2021	WG	Flow	5.01	gpm	CAWR-22-234657
Spring 6A	—	10/05/2021	WG	pH	7.06	SU	CAWR-22-234657
Spring 6A	—	10/02/2019	WG	pH	8.1	SU	CAWR-20-186723
Spring 6A	—	10/12/2017	WG	pH	7.13	SU	CAWR-18-147326
Spring 6A	—	10/01/2014	WG	pH	7.32	SU	CAWR-14-86955
Spring 6A	—	09/25/2012	WG	pH	7.29	SU	CAWR-12-23449
Spring 6A	—	10/05/2021	WG	Specific Conductance	133.4	µS/cm	CAWR-22-234657
Spring 6A	—	10/02/2019	WG	Specific Conductance	122.3	µS/cm	CAWR-20-186723
Spring 6A	—	10/12/2017	WG	Specific Conductance	130.5	µS/cm	CAWR-18-147326
Spring 6A	—	10/01/2014	WG	Specific Conductance	140	µS/cm	CAWR-14-86955
Spring 6A	—	09/25/2012	WG	Specific Conductance	132	µS/cm	CAWR-12-23449
Spring 6A	—	10/05/2021	WG	Temperature	21.6	deg C	CAWR-22-234657

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Spring 6A	—	10/02/2019	WG	Temperature	21.2	deg C	CAWR-20-186723
Spring 6A	—	10/12/2017	WG	Temperature	21.5	deg C	CAWR-18-147326
Spring 6A	—	10/01/2014	WG	Temperature	21.47	deg C	CAWR-14-86955
Spring 6A	—	09/25/2012	WG	Temperature	21.77	deg C	CAWR-12-23449
Spring 6A	—	10/05/2021	WG	Turbidity	0.91	NTU	CAWR-22-234657
Spring 6A	—	10/02/2019	WG	Turbidity	10.58	NTU	CAWR-20-186723
Spring 6A	—	10/12/2017	WG	Turbidity	8.6	NTU	CAWR-18-147326
Spring 6A	—	10/01/2014	WG	Turbidity	14	NTU	CAWR-14-86955
Spring 6A	—	09/25/2012	WG	Turbidity	4.52	NTU	CAWR-12-23449
Spring 8A	—	10/05/2021	WG	Dissolved Oxygen	7.04	mg/L	CAWR-22-234659
Spring 8A	—	10/02/2019	WG	Dissolved Oxygen	7.83	mg/L	CAWR-20-188081
Spring 8A	—	10/12/2017	WG	Dissolved Oxygen	7.78	mg/L	CAWR-18-147419
Spring 8A	—	10/13/2016	WG	Dissolved Oxygen	5.27	mg/L	CAWR-16-126338
Spring 8A	—	10/01/2014	WG	Dissolved Oxygen	7.7	mg/L	CAWR-14-86956
Spring 8A	—	10/05/2021	WG	Flow	0.67	gpm	CAWR-22-234659
Spring 8A	—	10/02/2019	WG	Flow	0.87	gpm	CAWR-20-188081
Spring 8A	—	10/05/2021	WG	pH	7.8	SU	CAWR-22-234659
Spring 8A	—	10/02/2019	WG	pH	7.86	SU	CAWR-20-188081
Spring 8A	—	10/12/2017	WG	pH	7.97	SU	CAWR-18-147419
Spring 8A	—	10/13/2016	WG	pH	7.2	SU	CAWR-16-126338
Spring 8A	—	10/01/2014	WG	pH	7.34	SU	CAWR-14-86956
Spring 8A	—	10/05/2021	WG	Specific Conductance	131.3	µS/cm	CAWR-22-234659
Spring 8A	—	10/02/2019	WG	Specific Conductance	128.2	µS/cm	CAWR-20-188081
Spring 8A	—	10/12/2017	WG	Specific Conductance	152.8	µS/cm	CAWR-18-147419
Spring 8A	—	10/13/2016	WG	Specific Conductance	127.2	µS/cm	CAWR-16-126338
Spring 8A	—	10/01/2014	WG	Specific Conductance	130	µS/cm	CAWR-14-86956
Spring 8A	—	10/05/2021	WG	Temperature	20.5	deg C	CAWR-22-234659

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Spring 8A	—	10/02/2019	WG	Temperature	22	deg C	CAWR-20-188081
Spring 8A	—	10/12/2017	WG	Temperature	17.1	deg C	CAWR-18-147419
Spring 8A	—	10/13/2016	WG	Temperature	22.2	deg C	CAWR-16-126338
Spring 8A	—	10/01/2014	WG	Temperature	20.3	deg C	CAWR-14-86956
Spring 8A	—	10/05/2021	WG	Turbidity	7.8	NTU	CAWR-22-234659
Spring 8A	—	10/02/2019	WG	Turbidity	0.87	NTU	CAWR-20-188081
Spring 8A	—	10/12/2017	WG	Turbidity	16.5	NTU	CAWR-18-147419
Spring 8A	—	10/13/2016	WG	Turbidity	1.1	NTU	CAWR-16-126338
Spring 8A	—	10/01/2014	WG	Turbidity	7.6	NTU	CAWR-14-86956
Spring 9	—	10/05/2021	WG	Dissolved Oxygen	6.79	mg/L	CAWR-22-234661
Spring 9	—	10/02/2019	WG	Dissolved Oxygen	7.11	mg/L	CAWR-20-186731
Spring 9	—	10/12/2017	WG	Dissolved Oxygen	6.7	mg/L	CAWR-18-147328
Spring 9	—	10/13/2016	WG	Dissolved Oxygen	6.81	mg/L	CAWR-16-126339
Spring 9	—	10/06/2015	WG	Dissolved Oxygen	7.3	mg/L	CAWR-16-104434
Spring 9	—	10/05/2021	WG	Flow	0.85	gpm	CAWR-22-234661
Spring 9	—	10/02/2019	WG	Flow	0.53	gpm	CAWR-20-186731
Spring 9	—	10/05/2021	WG	pH	6.98	SU	CAWR-22-234661
Spring 9	—	10/02/2019	WG	pH	7.59	SU	CAWR-20-186731
Spring 9	—	10/12/2017	WG	pH	7.21	SU	CAWR-18-147328
Spring 9	—	10/13/2016	WG	pH	7.2	SU	CAWR-16-126339
Spring 9	—	10/06/2015	WG	pH	7.63	SU	CAWR-16-104434
Spring 9	—	10/05/2021	WG	Specific Conductance	137.6	µS/cm	CAWR-22-234661
Spring 9	—	10/02/2019	WG	Specific Conductance	128.7	µS/cm	CAWR-20-186731
Spring 9	—	10/12/2017	WG	Specific Conductance	130.7	µS/cm	CAWR-18-147328
Spring 9	—	10/13/2016	WG	Specific Conductance	135.9	µS/cm	CAWR-16-126339
Spring 9	—	10/06/2015	WG	Specific Conductance	131	µS/cm	CAWR-16-104434
Spring 9	—	10/05/2021	WG	Temperature	22.6	deg C	CAWR-22-234661

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Spring 9	—	10/02/2019	WG	Temperature	22.1	deg C	CAWR-20-186731
Spring 9	—	10/12/2017	WG	Temperature	21.1	deg C	CAWR-18-147328
Spring 9	—	10/13/2016	WG	Temperature	21.1	deg C	CAWR-16-126339
Spring 9	—	10/06/2015	WG	Temperature	21.08	deg C	CAWR-16-104434
Spring 9	—	10/05/2021	WG	Turbidity	0.85	NTU	CAWR-22-234661
Spring 9	—	10/02/2019	WG	Turbidity	1.05	NTU	CAWR-20-186731
Spring 9	—	10/12/2017	WG	Turbidity	0.2	NTU	CAWR-18-147328
Spring 9	—	10/13/2016	WG	Turbidity	1.9	NTU	CAWR-16-126339
Spring 9	—	10/06/2015	WG	Turbidity	5.6	NTU	CAWR-16-104434
Spring 9A	—	10/05/2021	WG	Dissolved Oxygen	5.85	mg/L	CAWR-22-234663
Spring 9A	—	10/04/2018	WG	Dissolved Oxygen	5.99	mg/L	CAWR-19-162109
Spring 9A	—	10/12/2017	WG	Dissolved Oxygen	7.04	mg/L	CAWR-18-147329
Spring 9A	—	10/13/2016	WG	Dissolved Oxygen	5.36	mg/L	CAWR-16-126340
Spring 9A	—	10/06/2015	WG	Dissolved Oxygen	5.14	mg/L	CAWR-16-104435
Spring 9A	—	10/05/2021	WG	pH	6.86	SU	CAWR-22-234663
Spring 9A	—	10/04/2018	WG	pH	7.76	SU	CAWR-19-162109
Spring 9A	—	10/12/2017	WG	pH	8.48	SU	CAWR-18-147329
Spring 9A	—	10/13/2016	WG	pH	7.2	SU	CAWR-16-126340
Spring 9A	—	10/06/2015	WG	pH	7.26	SU	CAWR-16-104435
Spring 9A	—	10/05/2021	WG	Specific Conductance	134.9	µS/cm	CAWR-22-234663
Spring 9A	—	10/04/2018	WG	Specific Conductance	129.6	µS/cm	CAWR-19-162109
Spring 9A	—	10/12/2017	WG	Specific Conductance	128.8	µS/cm	CAWR-18-147329
Spring 9A	—	10/13/2016	WG	Specific Conductance	127	µS/cm	CAWR-16-126340
Spring 9A	—	10/06/2015	WG	Specific Conductance	130	µS/cm	CAWR-16-104435
Spring 9A	—	10/05/2021	WG	Temperature	21.1	deg C	CAWR-22-234663
Spring 9A	—	10/04/2018	WG	Temperature	20.8	deg C	CAWR-19-162109
Spring 9A	—	10/12/2017	WG	Temperature	20.9	deg C	CAWR-18-147329

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Spring 9A	—	10/13/2016	WG	Temperature	21	deg C	CAWR-16-126340
Spring 9A	—	10/06/2015	WG	Temperature	20.36	deg C	CAWR-16-104435
Spring 9A	—	10/05/2021	WG	Turbidity	0	NTU	CAWR-22-234663
Spring 9A	—	10/04/2018	WG	Turbidity	0.3	NTU	CAWR-19-162109
Spring 9A	—	10/12/2017	WG	Turbidity	0.5	NTU	CAWR-18-147329
Spring 9A	—	10/13/2016	WG	Turbidity	0.1	NTU	CAWR-16-126340
Spring 9A	—	10/06/2015	WG	Turbidity	3.6	NTU	CAWR-16-104435
TW-2Ar	102.0	06/29/2022	WG	Dissolved Oxygen	8.46	mg/L	CAPU-22-250836
TW-2Ar	102.0	06/18/2021	WG	Dissolved Oxygen	8.38	mg/L	CAPU-21-229574
TW-2Ar	102.0	09/04/2020	WG	Dissolved Oxygen	8.52	mg/L	CAPU-20-206454
TW-2Ar	102.0	06/21/2019	WG	Dissolved Oxygen	8.09	mg/L	CAPU-19-181508
TW-2Ar	102.0	09/18/2018	WG	Dissolved Oxygen	7.91	mg/L	CAPU-18-160782
TW-2Ar	102.0	06/29/2022	WG	Flow	0.59	gpm	CAPU-22-250836
TW-2Ar	102.0	06/18/2021	WG	Flow	0.62	gpm	CAPU-21-229574
TW-2Ar	102.0	09/04/2020	WG	Flow	0.72	gpm	CAPU-20-206454
TW-2Ar	102.0	06/21/2019	WG	Flow	0.66	gpm	CAPU-19-181508
TW-2Ar	102.0	06/29/2022	WG	Oxidation-Reduction Potential	53.5	mV	CAPU-22-250836
TW-2Ar	102.0	06/18/2021	WG	Oxidation-Reduction Potential	51.9	mV	CAPU-21-229574
TW-2Ar	102.0	09/04/2020	WG	Oxidation-Reduction Potential	133.9	mV	CAPU-20-206454
TW-2Ar	102.0	06/21/2019	WG	Oxidation-Reduction Potential	66	mV	CAPU-19-181508
TW-2Ar	102.0	09/18/2018	WG	Oxidation-Reduction Potential	306.3	mV	CAPU-18-160782
TW-2Ar	102.0	06/29/2022	WG	pH	6.99	SU	CAPU-22-250836
TW-2Ar	102.0	06/18/2021	WG	pH	6.95	SU	CAPU-21-229574
TW-2Ar	102.0	09/04/2020	WG	pH	7.03	SU	CAPU-20-206454
TW-2Ar	102.0	06/21/2019	WG	pH	6.86	SU	CAPU-19-181508
TW-2Ar	102.0	09/18/2018	WG	pH	6.77	SU	CAPU-18-160782
TW-2Ar	102.0	06/29/2022	WG	Specific Conductance	365	µS/cm	CAPU-22-250836

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
TW-2Ar	102.0	06/18/2021	WG	Specific Conductance	363.7	µS/cm	CAPU-21-229574
TW-2Ar	102.0	09/04/2020	WG	Specific Conductance	366.4	µS/cm	CAPU-20-206454
TW-2Ar	102.0	06/21/2019	WG	Specific Conductance	371.5	µS/cm	CAPU-19-181508
TW-2Ar	102.0	09/18/2018	WG	Specific Conductance	376.3	µS/cm	CAPU-18-160782
TW-2Ar	102.0	06/29/2022	WG	Temperature	14.4	deg C	CAPU-22-250836
TW-2Ar	102.0	06/18/2021	WG	Temperature	15	deg C	CAPU-21-229574
TW-2Ar	102.0	09/04/2020	WG	Temperature	14.8	deg C	CAPU-20-206454
TW-2Ar	102.0	06/21/2019	WG	Temperature	14.5	deg C	CAPU-19-181508
TW-2Ar	102.0	09/18/2018	WG	Temperature	15.4	deg C	CAPU-18-160782
TW-2Ar	102.0	06/29/2022	WG	Turbidity	1.23	NTU	CAPU-22-250836
TW-2Ar	102.0	06/18/2021	WG	Turbidity	1.47	NTU	CAPU-21-229574
TW-2Ar	102.0	09/04/2020	WG	Turbidity	4.25	NTU	CAPU-20-206454
TW-2Ar	102.0	06/21/2019	WG	Turbidity	1.4	NTU	CAPU-19-181508
TW-2Ar	102.0	09/18/2018	WG	Turbidity	5.3	NTU	CAPU-18-160782
Upper La Mesita	—	10/12/2021	WG	Dissolved Oxygen	6.33	mg/L	CAWR-22-234629
Upper La Mesita	—	10/01/2020	WG	Dissolved Oxygen	5.69	mg/L	CAWR-21-208739
Upper La Mesita	—	10/07/2019	WG	Dissolved Oxygen	6.68	mg/L	CAWR-20-186481
Upper La Mesita	—	10/10/2018	WG	Dissolved Oxygen	5.72	mg/L	CAWR-19-162029
Upper La Mesita	—	10/04/2017	WG	Dissolved Oxygen	5.31	mg/L	CAWR-18-147344
Upper La Mesita	—	10/12/2021	WG	Flow	0.4	gpm	CAWR-22-234629
Upper La Mesita	—	10/01/2020	WG	Flow	0.942	gpm	CAWR-21-208739
Upper La Mesita	—	10/07/2019	WG	Flow	0.66	gpm	CAWR-20-186481
Upper La Mesita	—	10/10/2018	WG	Flow	0.67	gpm	CAWR-19-162029
Upper La Mesita	—	10/12/2021	WG	pH	7.85	SU	CAWR-22-234629
Upper La Mesita	—	10/01/2020	WG	pH	7.5	SU	CAWR-21-208739
Upper La Mesita	—	10/07/2019	WG	pH	7.86	SU	CAWR-20-186481
Upper La Mesita	—	10/10/2018	WG	pH	7.51	SU	CAWR-19-162029

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Upper La Mesita	—	10/04/2017	WG	pH	7.59	SU	CAWR-18-147344
Upper La Mesita	—	10/12/2021	WG	Specific Conductance	310	µS/cm	CAWR-22-234629
Upper La Mesita	—	10/01/2020	WG	Specific Conductance	323.8	µS/cm	CAWR-21-208739
Upper La Mesita	—	10/07/2019	WG	Specific Conductance	315.9	µS/cm	CAWR-20-186481
Upper La Mesita	—	10/10/2018	WG	Specific Conductance	322.6	µS/cm	CAWR-19-162029
Upper La Mesita	—	10/04/2017	WG	Specific Conductance	327.1	µS/cm	CAWR-18-147344
Vine Tree Spring	—	06/21/2022	WG	Dissolved Oxygen	7.44	mg/L	CALA-22-250804
Vine Tree Spring	—	06/08/2021	WG	Dissolved Oxygen	7.15	mg/L	CALA-21-229525
Vine Tree Spring	—	09/09/2020	WG	Dissolved Oxygen	7.78	mg/L	CALA-20-206426
Vine Tree Spring	—	12/17/2019	WG	Dissolved Oxygen	8.32	mg/L	CALA-20-190759
Vine Tree Spring	—	06/11/2019	WG	Dissolved Oxygen	7.47	mg/L	CALA-19-181474
Vine Tree Spring	—	06/21/2022	WG	Flow	4.22	gpm	CALA-22-250804
Vine Tree Spring	—	06/08/2021	WG	Flow	4.33	gpm	CALA-21-229525
Vine Tree Spring	—	09/09/2020	WG	Flow	4.38	gpm	CALA-20-206426
Vine Tree Spring	—	12/17/2019	WG	Flow	0.05	gpm	CALA-20-190759
Vine Tree Spring	—	06/11/2019	WG	Flow	3.59	gpm	CALA-19-181474
Vine Tree Spring	—	06/21/2022	WG	pH	7.79	SU	CALA-22-250804
Vine Tree Spring	—	06/08/2021	WG	pH	7.67	SU	CALA-21-229525
Vine Tree Spring	—	09/09/2020	WG	pH	7.38	SU	CALA-20-206426
Vine Tree Spring	—	12/17/2019	WG	pH	7.31	SU	CALA-20-190759
Vine Tree Spring	—	06/11/2019	WG	pH	7.5	SU	CALA-19-181474
Vine Tree Spring	—	06/21/2022	WG	Specific Conductance	308.4	µS/cm	CALA-22-250804
Vine Tree Spring	—	06/08/2021	WG	Specific Conductance	302.3	µS/cm	CALA-21-229525
Vine Tree Spring	—	09/09/2020	WG	Specific Conductance	309.8	µS/cm	CALA-20-206426
Vine Tree Spring	—	12/17/2019	WG	Specific Conductance	294.7	µS/cm	CALA-20-190759
Vine Tree Spring	—	06/11/2019	WG	Specific Conductance	322.6	µS/cm	CALA-19-181474
Vine Tree Spring	—	06/21/2022	WG	Temperature	14.3	deg C	CALA-22-250804

Location ID	Screen Depth (ft)	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Vine Tree Spring	—	06/08/2021	WG	Temperature	17.1	deg C	CALA-21-229525
Vine Tree Spring	—	09/09/2020	WG	Temperature	12.7	deg C	CALA-20-206426
Vine Tree Spring	—	12/17/2019	WG	Temperature	11.2	deg C	CALA-20-190759
Vine Tree Spring	—	06/11/2019	WG	Temperature	14	deg C	CALA-19-181474
Vine Tree Spring	—	06/21/2022	WG	Turbidity	0.12	NTU	CALA-22-250804
Vine Tree Spring	—	06/08/2021	WG	Turbidity	0.02	NTU	CALA-21-229525
Vine Tree Spring	—	09/09/2020	WG	Turbidity	0.16	NTU	CALA-20-206426
Vine Tree Spring	—	12/17/2019	WG	Turbidity	0.09	NTU	CALA-20-190759
Vine Tree Spring	—	06/11/2019	WG	Turbidity	0.68	NTU	CALA-19-181474

[a] WG = Groundwater.

[b] gpm = Gallons per minute.

[c] SU = Standard unit.

[d] NTU = Nephelometric turbidity unit.

[e] — = Not applicable.

[f] S = Screen.

Appendix B

Groundwater Elevation Measurements
(on CD included with this document)

Appendix C

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

The following pages provide lists of (1) acronyms, abbreviations, 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.
ARS	American Radiation Services, Inc.
ARSL	American Radiation Services-Primary
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

Acronyms and Abbreviations (continued)

Acronym, Abbreviation, or Symbol	Description
Laboratory Codes (continued)	
STSL	Severn Trent Laboratories, Inc., St. Louis
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 qualifier codes means that several codes 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	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.331	535	—	—	—	0.331	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.331	—	—	—	—	0.331	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.27	—	—	—	—	0.01	SU	Y	H	J	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	28.4	—	62	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	Y	3970	5000	—	—	—	68	µg/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00997	—	—	0.00663	0.0335	—	pCi/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0405	—	—	—	—	0.017	mg/L	Y	J	U	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.64	130	—	—	—	4.64	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.331	1720	—	—	—	0.331	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.48	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3.31	3	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3.31	1.2	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	57.8	2000	13.5	—	—	1	µg/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	4.31	0.00109	—	—	—	4.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.331	0.12	—	—	—	0.331	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.331	0.2	—	—	—	0.331	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.331	0.343	—	—	—	0.331	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.331	—	—	—	—	0.331	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.331	3.43	—	—	—	0.331	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	15.5	75000	—	—	—	6.63	µg/L	Y	J	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3.31	2000	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3.31	59	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	3.31	0.137	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.331	6	—	—	—	0.331	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	48.9	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3.31	—	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.331	160	—	—	—	0.331	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	11.6	—	10.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.45	—	—	1.41	5.53	—	pCi/L	Y	U	UJ	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	43	250	3.11	—	—	0.67	mg/L	Y	—	J+	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3.31	1400	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.64	3.7	—	—	—	3.64	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.453	733	—	—	—	0.453	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3.31	91	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.31	—	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.331	34.3	—	—	—	0.331	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.59	—	—	1.6	6.08	—	pCi/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.331	0.0343	—	—	—	0.331	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3.31	7.9	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3.31	600	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3.31	—	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3.31	75	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3.31	1.25	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3.31	45.3	—	—	—	3.31	µg/L	Y	U	UJ	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.331	14800	—	—	—	0.331	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.331	612	—	—	—	0.331	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3.31	354	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.331	885	—	—	—	0.331	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.31	1.52	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5.52	38.7	—	—	—	5.52	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3.31	2.37	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3.31	0.485	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.331	200	—	—	—	0.331	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3.31	7	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	3.2	4.59	—	—	—	0.1	µg/L	Y	B	J+	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3.31	4.59	—	—	—	3.31	µg/L	N	U	UJ	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3.31	122	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.331	802	—	—	—	0.331	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.331	288	—	—	—	0.331	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.123	1.6	0.234	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	Y	2.52	15	—	0.947	2.4	—	pCi/L	Y	—	J-	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	6.34	—	—	0.981	2.32	—	pCi/L	Y	—	J	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	41.5	—	37.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3.31	1	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3.31	1.39	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3.31	50	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3.31	3.28	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.331	0.343	—	—	—	0.331	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	Y	2170	1000	—	—	—	30	µg/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.87	781	—	—	—	3.87	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	Y	2.24	15	—	—	—	0.5	µg/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	3.03	—	3.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	Y	9.98	200	—	—	—	2	µg/L	Y	J	J	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.331	11.4	—	—	—	0.331	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.331	35.1	—	—	—	0.331	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3.31	930	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	4.09	—	—	—	—	4.09	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.305	1000	2.9	—	—	0.2	µg/L	Y	J	J	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.331	1.17	—	—	—	0.331	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.45	—	—	2.4	8.69	—	pCi/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.56	200	3.65	—	—	0.6	µg/L	Y	J	J	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.741	10	0.459	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3.31	190	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3.31	—	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3.31	38	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3.31	1.4	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3.31	—	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3.31	—	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3.31	0.00167	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3.31	0.00491	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.31	0.0273	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.31	0.11	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3.31	0.37	—	—	—	3.31	µg/L	Y	U	UJ	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.31	9.81	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3.31	3.07	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3.31	1	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.118	13.8	0.27	—	—	0.05	µg/L	Y	J	J	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.331	170	—	—	—	0.331	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3.31	5	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
03-B-13	21.5	04/05/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00357	—	—	0.0138	0.0642	—	pCi/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0357	—	—	0.0176	0.0966	—	pCi/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	3.77	—	2.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-25.6	—	—	21	78	—	pCi/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3.31	250	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.331	117	—	—	—	0.331	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3.31	20	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	1.15	5	—	0.267	0.41	—	pCi/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.47	—	—	0.313	—	—	pCi/L	Y	J	NQ	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.318	5	—	0.164	0.512	—	pCi/L	Y	U	UJ	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	27	—	75	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	24.1	—	18.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.685	—	—	1.37	5.77	—	pCi/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	237	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	69.8	11800	59.6	—	—	1	µg/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.337	8	—	0.154	0.487	—	pCi/L	Y	U	UJ	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.82	600	7.1	—	—	0.133	mg/L	Y	—	J+	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3.31	20	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.31	1.66	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.31	240	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	173	1000	—	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.313	—	—	—	—	0.033	mg/L	Y	—	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	2.61	—	—	—	—	0.33	mg/L	Y	—	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0415	—	—	—	—	0.02	mg/L	Y	J	U	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3.31	70	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3.31	1170	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	3.31	11.9	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.252	30	0.992	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.125	27.2	0.477	0.0205	0.0479	—	pCi/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00916	28.8	—	0.0081	0.0348	—	pCi/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0989	30	0.201	0.0185	0.0444	—	pCi/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248749	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	3.16	63.1	9.29	—	—	1	µg/L	Y	J	J	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	17.7	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-1232	CAPA-22-248748	GELC	Intermediate
18-MW-18	12.5	04/11/2022	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.72	—	—	—	—	0.01	SU	Y	H	J	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54	—	—	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	Y	90.5	5000	—	—	—	68	µg/L	Y	J	J	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00759	—	—	0.0104	0.0426	—	pCi/L	Y	U	U	N3B-2022-1272	CAPA-22-248745	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0334	—	—	—	—	0.017	mg/L	Y	J	U	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	10	—	—	—	2	µg/L	Y	U	U	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	584	2000	—	—	—	1	µg/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	18.6	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.131	—	—	—	—	0.067	mg/L	Y	J	J	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	101	—	—	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.46	—	—	2.01	6.71	—	pCi/L	Y	U	U	N3B-2022-1272	CAPA-22-248745	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	346	250	—	—	—	3.35	mg/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0311	—	—	1.55	6.07	—	pCi/L	Y	U	U	N3B-2022-1272	CAPA-22-248745	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-1272	CAPA-22-248745	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.195	1.6	—	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.486	15	—	0.818	2.99	—	pCi/L	Y	U	U	N3B-2022-1272	CAPA-22-248745	GELC	Alluvial
18-MW-18	12.5	04/11/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	6.58	—	—	1.07	2.86	—	pCi/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248745	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	391	—	—	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	Y	72.9	1000	—	—	—	30	µg/L	Y	J	J	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	33.6	—	—	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	Y	2.98	200	—	—	—	2	µg/L	Y	J	J	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1272	CAPA-22-248745	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.34	1000	—	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.03	—	—	2.44	7.9	—	pCi/L	Y	U	U	N3B-2022-1272	CAPA-22-248745	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	5.88	200	—	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.05	10	—	—	—	0.17	mg/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.259	13.8	—	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00853	—	—	0.0121	0.0767	—	pCi/L	Y	U	U	N3B-2022-1272	CAPA-22-248745	GELC	Alluvial
18-MW-18	12.5	04/11/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00426	—	—	0.0141	0.115	—	pCi/L	Y	U	U	N3B-2022-1272	CAPA-22-248745	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	9.19	—	—	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	18.3	—	—	21.9	85.6	—	pCi/L	Y	U	U	N3B-2022-1272	CAPA-22-248745	GELC	Alluvial
18-MW-18	12.5	04/11/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	1.33	5	—	0.289	0.408	—	pCi/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248745	GELC	Alluvial
18-MW-18	12.5	04/11/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	2.22	—	—	0.43	—	—	pCi/L	Y	J	J	N3B-2022-1272	CAPA-22-248745	GELC	Alluvial
18-MW-18	12.5	04/11/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.893	5	—	0.319	0.923	—	pCi/L	Y	U	UJ	N3B-2022-1272	CAPA-22-248745	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	43.1	—	—	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	75.8	—	—	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.16	—	—	1.45	5.13	—	pCi/L	Y	U	U	N3B-2022-1272	CAPA-22-248745	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	1360	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	748	11800	—	—	—	1	µg/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.448	8	—	0.158	0.466	—	pCi/L	Y	U	UJ	N3B-2022-1272	CAPA-22-248745	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	27.1	600	—	—	—	6.65	mg/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	733	1000	—	—	—	3.4	mg/L	Y	—	J	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.204	—	—	—	—	0.033	mg/L	Y	H	J	N3B-2022-1272	CAPA-22-248745	GELC	Alluvial
18-MW-18	12.5	04/11/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.706	—	—	—	—	0.33	mg/L	Y	J	J	N3B-2022-1272	CAPA-22-248745	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.279	—	—	—	—	0.02	mg/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.188	30	—	—	—	0.067	µg/L	Y	J	J	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.0932	27.2	—	0.0196	0.0518	—	pCi/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248745	GELC	Alluvial
18-MW-18	12.5	04/11/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	28.8	—	0.00934	0.0376	—	pCi/L	Y	U	U	N3B-2022-1272	CAPA-22-248745	GELC	Alluvial
18-MW-18	12.5	04/11/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0694	30	—	0.0155	0.048	—	pCi/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248745	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	N	1	63.1	—	—	—	1	µg/L	Y	U	U	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	15.4	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-1272	CAPA-22-248744	GELC	Alluvial
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.3	535	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.86	—	—	—	—	0.01	SU	Y	H	J	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	39.2	—	62	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	Y	618	5000	—	—	—	68	µg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00891	—	—	0.0107	0.05	—	pCi/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.08	1.9	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.08	1.9	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.044	—	—	—	—	0.017	mg/L	Y	J	U	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.2	130	—	—	—	4.2	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.3	1720	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.06	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3	3	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3	1.2	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	38.5	2000	13.5	—	—	1	µg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.9	0.00109	—	—	—	3.9	µg/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	6	75000	—	—	—	6	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3	2000	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3	59	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.3	160	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	8.28	—	10.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.47	—	—	1.3	4.53	—	pCi/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	24.4	250	3.11	—	—	0.335	mg/L	Y	—	J+	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3	1400	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.41	733	—	—	—	0.41	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3	91	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.3	34.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.44	—	—	1.59	5.7	—	pCi/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3	7.9	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3	600	—	—	—	3	µg/L	N	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3	—	—	—	—	3	µg/L	N	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3	75	—	—	—	3	µg/L	N	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3	1.25	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3	45.3	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.3	14800	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.3	612	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3	354	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.08	2	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5	38.7	—	—	—	5	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.08	2.37	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3	2.37	—	—	—	3	µg/L	N	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate

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Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Homestead Spring	—	04/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.08	0.485	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3	0.485	—	—	—	3	µg/L	N	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3	7	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3	4.59	—	—	—	3	µg/L	N	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3	122	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.3	802	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.3	288	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.136	1.6	0.234	—	—	0.033	mg/L	Y	—	J-	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.75	15	—	0.933	2.77	—	pCi/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	25.9	—	—	1.81	2.61	—	pCi/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	31.3	—	37.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3	1.39	—	—	—	3	µg/L	N	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3	3.28	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.08	1000	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	Y	276	1000	—	—	—	30	µg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.5	781	—	—	—	3.5	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	2.58	—	3.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3	930	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	—	—	—	3.7	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.42	1000	2.9	—	—	0.2	µg/L	Y	J	J	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.3	1.17	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.124	—	—	2.89	10.3	—	pCi/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	3.65	—	—	0.6	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.124	10	0.459	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3	190	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3	38	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.08	1.4	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3	1.4	—	—	—	3	µg/L	N	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3	0.00167	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3	0.00491	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3	0.37	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.082	3.14	—	—	—	0.082	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.08	1.74	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3	3.07	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.186	13.8	0.27	—	—	0.05	µg/L	Y	J	J	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.3	170	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3	5	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	—	—	0.0109	0.0524	—	pCi/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0233	—	—	0.0117	0.0788	—	pCi/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	2.94	—	2.35	—	—	0.05	mg/L	Y	—	J+	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.4	—	—	17.6	65.4	—	pCi/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3	250	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.3	117	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.575	5	—	0.156	0.335	—	pCi/L	Y	—	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	RAD	Generic: Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.676	—	—	0.21	—	—	pCi/L	Y	J	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.102	5	—	0.141	0.497	—	pCi/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.08	9.66	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	34	—	75	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	18.4	—	18.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.39	—	—	1.29	5.24	—	pCi/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	172	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	60.4	11800	59.6	—	—	1	µg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.205	8	—	0.104	0.338	—	pCi/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.06	600	7.1	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.08	39.4	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	134	1000	—	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.04	—	—	—	—	0.033	mg/L	Y	J	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	1.47	—	—	—	—	0.33	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.162	—	—	—	—	0.02	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3	70	—	—	—	3	µg/L	N	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3	1170	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.08	590	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.08	9.8	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	N	0.067	30	0.992	—	—	0.067	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0284	27.2	0.477	0.0152	0.0596	—	pCi/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	28.8	—	0.00931	0.0433	—	pCi/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0277	30	0.201	0.012	0.0552	—	pCi/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	1.92	63.1	9.29	—	—	1	µg/L	Y	J	J	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	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-2022-1336	CAPA-22-248737	GELC	Intermediate
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	N	3.3	10000	—	—	—	3.3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248736	GELC	Intermediate
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.3	535	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	2.8	14100	—	—	—	1.74	µg/L	Y	J	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.96	—	—	—	—	0.01	SU	Y	H	J	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.4	—	—	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	Y	1430	5000	—	—	—	68	µg/L	Y	—	NQ	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.225	—	—	0.067	0.25	—	pCi/L	Y	U	UJ	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.08	1.9	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.08	1.9	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.14	—	—	—	—	0.017	mg/L	Y	—	U	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.2	130	—	—	—	4.2	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial

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Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.3	1720	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	10	—	—	—	2	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3	3	—	—	—	3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3	1.2	—	—	—	3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	110	2000	—	—	—	1	µg/L	Y	—	NQ	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.9	0.00109	—	—	—	3.9	µg/L	Y	U	UJ	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	8.78	75000	—	—	—	6	µg/L	Y	J	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3	2000	—	—	—	3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3	59	—	—	—	3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	Y	2.99	6	—	—	—	0.3	µg/L	Y	—	NQ	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	37.9	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.3	160	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	23.8	—	—	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	Y	4.9	—	—	1.46	2.59	—	pCi/L	Y	—	NQ	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	145	250	—	—	—	2.68	mg/L	Y	—	J+	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3	1400	—	—	—	3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.41	733	—	—	—	0.41	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3	91	—	—	—	3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.3	34.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	Y	1.33	50	—	—	—	1	µg/L	Y	J	J	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.588	—	—	0.659	2.31	—	pCi/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	Y	4.15	1000	—	—	—	3	µg/L	Y	J	J	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00419	0.2	—	—	—	0.00167	mg/L	Y	J	J	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3	7.9	—	—	—	3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3	600	—	—	—	3	µg/L	N	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3	—	—	—	—	3	µg/L	N	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3	75	—	—	—	3	µg/L	N	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3	1.25	—	—	—	3	µg/L	Y	U	UJ	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3	45.3	—	—	—	3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.3	14800	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.3	612	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3	354	—	—	—	3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.08	2	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5	38.7	—	—	—	5	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3	2.37	—	—	—	3	µg/L	N	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.08	2.37	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3	0.485	—	—	—	3	µg/L	N	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.08	0.485	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3	7	—	—	—	3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3	4.59	—	—	—	3	µg/L	N	U	UJ	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3	122	—	—	—	3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.3	802	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.3	288	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.258	1.6	—	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	Y	4.47	15	—	1.35	2.88	—	pCi/L	Y	—	NQ	N3B-2022-1951	CALA-22-250815	GELC	Alluvial

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	18.2	—	—	1.61	2.76	—	pCi/L	Y	—	NQ	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	67.4	—	—	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3	1.39	—	—	—	3	µg/L	N	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3	3.28	—	—	—	3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.08	1000	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	Y	762	1000	—	—	—	30	µg/L	Y	—	J+	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.5	781	—	—	—	3.5	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	Y	1.42	15	—	—	—	0.5	µg/L	Y	J	J	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	1.94	—	—	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	Y	56.6	200	—	—	—	2	µg/L	Y	—	NQ	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	1.68	5	—	—	—	0.5	µg/L	Y	J	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3	930	—	—	—	3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	—	—	—	3.7	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.466	1000	—	—	—	0.2	µg/L	Y	J	J	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.3	1.17	—	—	—	0.3	µg/L	N	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.553	—	—	1.47	4.92	—	pCi/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.67	200	—	—	—	0.6	µg/L	Y	J	J	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.42	10	—	—	—	0.085	mg/L	Y	—	NQ	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3	190	—	—	—	3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3	38	—	—	—	3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3	1.4	—	—	—	3	µg/L	N	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.08	1.4	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3	0.00167	—	—	—	3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3	0.00491	—	—	—	3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3	0.37	—	—	—	3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.082	3.14	—	—	—	0.082	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.08	1.74	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial

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Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3	3.07	—	—	—	3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.098	13.8	—	—	—	0.05	µg/L	Y	J	J	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	123	401	—	—	—	0.667	ng/L	Y	—	NQ	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	135	60	—	—	—	0.808	ng/L	Y	—	NQ	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	81.6	60	—	—	—	0.808	ng/L	Y	—	NQ	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.3	170	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3	5	—	—	—	3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.258	—	—	0.0753	0.264	—	pCi/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.413	—	—	0.103	0.232	—	pCi/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	4.97	—	—	—	—	0.05	mg/L	Y	—	J+	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-2.67	—	—	10.7	37.3	—	pCi/L	Y	U	UJ	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3	250	—	—	—	3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.3	117	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.438	5	—	0.167	0.45	—	pCi/L	Y	U	UJ	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	N	1.42	—	—	0.335	—	—	pCi/L	Y	J	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.987	5	—	0.291	0.775	—	pCi/L	Y	—	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.08	9.66	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	26.4	—	—	—	—	0.053	mg/L	Y	N	J+	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	109	—	—	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.556	—	—	0.703	2.49	—	pCi/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	724	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	95.9	11800	—	—	—	1	µg/L	Y	—	NQ	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	6.01	8	—	0.602	0.485	—	pCi/L	Y	—	NQ	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.9	600	—	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.08	39.4	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	429	1000	—	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	1.13	—	—	—	—	0.033	mg/L	Y	—	J+	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	8.1	—	—	—	—	0.33	mg/L	Y	—	NQ	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	Y	339.6	—	—	—	—	—	ng/L	Y	—	NQ	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.117	—	—	—	—	0.02	mg/L	Y	—	NQ	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3	70	—	—	—	3	µg/L	N	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3	1170	—	—	—	3	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.08	590	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.08	9.8	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.096	30	—	—	—	0.067	µg/L	Y	J	J	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.757	27.2	—	0.136	0.261	—	pCi/L	Y	—	NQ	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.0181	28.8	—	0.0405	0.272	—	pCi/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.322	30	—	0.103	0.3	—	pCi/L	Y	—	NQ	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	2.57	63.1	—	—	—	1	µg/L	Y	J	J	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	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-2022-1951	CALA-22-250815	GELC	Alluvial
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	14.6	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-1951	CALA-22-250816	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	2.55	14100	—	—	—	1.74	µg/L	Y	J	J	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.4	—	—	—	—	0.01	SU	Y	H	J	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	108	—	—	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	81.8	5000	—	—	—	68	µg/L	Y	J	J	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0506	—	—	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1016	12674-11-2	N	0.0361	0.5	—	—	—	0.0361	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1221	11104-28-2	N	0.0361	0.5	—	—	—	0.0361	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1232	11141-16-5	N	0.0361	0.5	—	—	—	0.0361	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1242	53469-21-9	N	0.0361	0.5	—	—	—	0.0361	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1248	12672-29-6	N	0.0361	0.5	—	—	—	0.0361	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1254	11097-69-1	N	0.0361	0.5	—	—	—	0.0361	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1260	11096-82-5	N	0.0361	0.5	—	—	—	0.0361	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1262	37324-23-5	N	0.0361	0.5	—	—	—	0.0361	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.92	10	—	—	—	2	µg/L	Y	J	J	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	195	2000	—	—	—	1	µg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	63.2	750	—	—	—	15	µg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.169	—	—	—	—	0.067	mg/L	Y	J	J+	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	UJ	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	Y	3.75	5560	—	—	—	1.67	µg/L	Y	J	J	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	27.1	—	—	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	95.8	250	—	—	—	1.34	mg/L	Y	—	J+	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	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-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	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-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	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	UJ	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	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-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	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-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	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-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	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-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	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-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	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-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	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-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	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-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	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-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	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-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	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-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	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-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	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-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	4.59	—	—	—	16.7	µg/L	Y	U	UJ	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	1.07	1.6	—	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	91	—	—	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	UJ	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	49.6	1000	—	—	—	30	µg/L	Y	J	J	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.69	—	—	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
MCO-7	39.0	07/26/2021	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	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-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	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-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	2.42	5	—	—	—	1.67	µg/L	Y	J	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	31.9	1000	—	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.848	200	—	—	—	0.6	µg/L	Y	J	J	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.474	10	—	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	5.76	13.8	—	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	6.89	401	—	—	—	0.583	ng/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	6.89	401	—	—	—	0.59	ng/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231318	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	30.6	60	—	—	—	0.706	ng/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	30.3	60	—	—	—	0.715	ng/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231318	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	10.6	60	—	—	—	0.706	ng/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	10	60	—	—	—	0.715	ng/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231318	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	15.1	—	—	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2	50	—	—	—	2	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	39.9	—	—	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	62.9	—	—	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	561	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	168	11800	—	—	—	1	µg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	12.8	600	—	—	—	0.133	mg/L	Y	—	J+	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	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-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	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-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	4.16	12000	—	—	—	2.5	µg/L	Y	J	J	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	297	1000	—	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.185	—	—	—	—	0.033	mg/L	Y	—	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	2.02	—	—	—	—	0.33	mg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	Y	48.09	—	—	—	—	—	ng/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	FD	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	Y	47.19	—	—	—	—	—	ng/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231318	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.165	—	—	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	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-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	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-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	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-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	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-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	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-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	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-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	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-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Trimethylbenzene[1,3,5-]	108-67-8	N	0.667	60	—	—	—	0.667	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	87.46	20000	—	13.264	3.235	—	pCi/L	Y	Q	J-	N3B-2021-2175	CAMO-21-231037	ARSL	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.437	30	—	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.64	63.1	—	—	—	1	µg/L	Y	J	J	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial

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Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	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-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.667	193	—	—	—	0.667	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231037	GELC	Alluvial
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	—	—	—	3.3	µg/L	Y	U	U	N3B-2021-2158	CAMO-21-231038	GELC	Alluvial
PAO-5n	7.43	06/24/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	13.4	401	—	—	—	0.679	ng/L	Y	—	NQ	N3B-2022-1951	CAPU-22-250824	GELC	Alluvial
PAO-5n	7.43	06/24/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	143	60	—	—	—	0.823	ng/L	Y	—	NQ	N3B-2022-1951	CAPU-22-250824	GELC	Alluvial
PAO-5n	7.43	06/24/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	39.5	60	—	—	—	0.823	ng/L	Y	—	NQ	N3B-2022-1951	CAPU-22-250824	GELC	Alluvial
PAO-5n	7.43	06/24/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	Y	195.9	—	—	—	—	—	ng/L	Y	—	NQ	N3B-2022-1951	CAPU-22-250824	GELC	Alluvial
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.3	535	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	48.4	—	62	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0157	—	—	0.0087	0.0377	—	pCi/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.08	1.9	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.08	1.9	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0301	—	—	—	—	0.017	mg/L	Y	J	U	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.2	130	—	—	—	4.2	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.3	1720	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.17	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3	3	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3	1.2	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	3.27	2000	13.5	—	—	1	µg/L	Y	J	J	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.9	0.00109	—	—	—	3.9	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	6	75000	—	—	—	6	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3	2000	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3	59	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.3	160	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	8.86	—	10.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.44	—	—	1.33	4.5	—	pCi/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.5	250	3.11	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3	1400	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.41	733	—	—	—	0.41	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3	91	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.3	34.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.294	—	—	1.19	4.64	—	pCi/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3	7.9	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3	600	—	—	—	3	µg/L	N	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3	—	—	—	—	3	µg/L	N	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3	75	—	—	—	3	µg/L	N	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3	1.25	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3	45.3	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.3	14800	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.3	612	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3	354	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.08	2	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5	38.7	—	—	—	5	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3	2.37	—	—	—	3	µg/L	N	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.08	2.37	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3	0.485	—	—	—	3	µg/L	N	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.08	0.485	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3	7	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3	4.59	—	—	—	3	µg/L	N	U	UJ	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3	122	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.3	802	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.3	288	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.348	1.6	0.234	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	-0.433	15	—	0.453	2.55	—	pCi/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	-0.919	—	—	0.697	2.73	—	pCi/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	31.2	—	37.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3	1.39	—	—	—	3	µg/L	N	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3	3.28	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.08	1000	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.5	781	—	—	—	3.5	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	2.2	—	3.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.12	2	—	—	—	0.067	µg/L	Y	J	U	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.116	2	—	—	—	0.067	µg/L	Y	J	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3	930	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	—	—	—	3.7	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.28	1000	2.9	—	—	0.2	µg/L	Y	—	J+	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.3	1.17	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.96	—	—	2.3	6.46	—	pCi/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	3.65	—	—	0.6	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.108	10	0.459	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3	190	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3	38	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3	1.4	—	—	—	3	µg/L	N	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.08	1.4	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3	0.00167	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3	0.00491	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3	0.37	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.082	3.14	—	—	—	0.082	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.08	1.74	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3	3.07	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.161	13.8	0.27	—	—	0.05	µg/L	Y	J	J	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.3	170	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3	5	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0136	—	—	0.0176	0.0815	—	pCi/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0136	—	—	0.0208	0.123	—	pCi/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	0.244	—	2.35	—	—	0.05	mg/L	Y	J	J	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	23.2	—	—	20.5	37.1	—	pCi/L	Y	U	UJ	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3	250	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.3	117	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.584	5	—	0.179	0.442	—	pCi/L	Y	—	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	RAD	Generic: Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.972	—	—	0.281	—	—	pCi/L	Y	J	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.388	5	—	0.216	0.689	—	pCi/L	Y	U	UJ	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.08	9.66	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	67.2	—	75	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	11.6	—	18.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.202	—	—	0.849	3.28	—	pCi/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	116	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	46.7	11800	59.6	—	—	1	µg/L	Y	—	NQ	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.709	8	—	0.173	0.478	—	pCi/L	Y	—	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.89	600	7.1	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.08	39.4	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	101	1000	—	—	—	3.4	mg/L	Y	—	J	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.552	—	—	—	—	0.02	mg/L	Y	—	U	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3	70	—	—	—	3	µg/L	N	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3	1170	—	—	—	3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.08	590	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.08	9.8	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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	UJ	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.318	30	0.992	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.192	27.2	0.477	0.0257	0.0485	—	pCi/L	Y	—	NQ	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00928	28.8	—	0.00929	0.0353	—	pCi/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.118	30	0.201	0.0194	0.0449	—	pCi/L	Y	—	NQ	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	1.08	63.1	9.29	—	—	1	µg/L	Y	J	J	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248766	GELC	Intermediate
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	N	3.3	10000	—	—	—	3.3	µg/L	Y	U	U	N3B-2022-1284	CAPA-22-248765	GELC	Intermediate
POI-4	159.0	06/20/2022	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	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	161	—	62	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.97	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	102	2000	13.5	—	—	1	µg/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
POI-4	159.0	06/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	227	750	—	—	—	15	µg/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	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	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	47.2	—	10.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	48.8	250	3.11	—	—	0.67	mg/L	Y	—	J+	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.319	1.6	0.234	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	166	—	37.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	Y	48.2	1000	—	—	—	30	µg/L	Y	J	J	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	11.7	—	3.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.81	1000	2.9	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	7.3	200	3.65	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.348	13.8	0.27	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	16.6	401	—	—	—	0.623	ng/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250828	GELC	Intermediate
POI-4	159.0	06/20/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	79.4	60	—	—	—	0.755	ng/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250828	GELC	Intermediate
POI-4	159.0	06/20/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	40.7	60	—	—	—	0.755	ng/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250828	GELC	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	8.28	—	2.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	52.7	—	75	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	43.7	—	18.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	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	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	245	11800	59.6	—	—	1	µg/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	32.4	600	7.1	—	—	1.33	mg/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	364	1000	—	—	—	3.4	mg/L	Y	H	J	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	Y	136.7	—	—	—	—	—	ng/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250828	GELC	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	3.69	30	0.992	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	3.45	63.1	9.29	—	—	1	µg/L	Y	J	J	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
POI-4	159.0	06/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	5.34	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-1783	CAPU-22-250829	GELC	Intermediate
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.308	535	—	—	—	0.308	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.308	—	—	—	—	0.308	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	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	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.2	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	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	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	—	0.017	mg/L	Y	U	U	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.32	130	—	—	—	4.32	µg/L	Y	U	UJ	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.308	1720	—	—	—	0.308	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.94	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3.08	3	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3.08	1.2	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional

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Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-10 S1	874.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	47.6	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	4.01	0.00109	—	—	—	4.01	µg/L	Y	U	R	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.308	0.12	—	—	—	0.308	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.308	0.2	—	—	—	0.308	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.308	0.343	—	—	—	0.308	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.308	—	—	—	—	0.308	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.308	3.43	—	—	—	0.308	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	6.17	75000	—	—	—	6.17	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3.08	2000	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3.08	59	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	3.08	0.137	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.308	6	—	—	—	0.308	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	27.4	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	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-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3.08	—	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.308	160	—	—	—	0.308	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	18.6	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	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	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.53	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	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-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	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-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3.08	1400	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.39	3.7	—	—	—	3.39	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.421	733	—	—	—	0.421	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3.08	91	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.08	—	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.62	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.308	34.3	—	—	—	0.308	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	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	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.308	0.0343	—	—	—	0.308	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3.08	7.9	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	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-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	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-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	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-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3.08	600	—	—	—	3.08	µg/L	N	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3.08	—	—	—	—	3.08	µg/L	N	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	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-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3.08	75	—	—	—	3.08	µg/L	N	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3.08	1.25	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	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-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	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-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	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-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	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-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	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-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	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-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3.08	45.3	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	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-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	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-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	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-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	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-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.308	14800	—	—	—	0.308	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.308	612	—	—	—	0.308	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3.08	354	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.308	885	—	—	—	0.308	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.08	1.52	—	—	—	3.08	µg/L	Y	U	UJ	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5.14	38.7	—	—	—	5.14	µg/L	Y	U	UJ	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3.08	2.37	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3.08	0.485	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.308	200	—	—	—	0.308	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3.08	7	—	—	—	3.08	µg/L	Y	U	UJ	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	4.59	—	—	—	16.7	µg/L	N	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3.08	4.59	—	—	—	3.08	µg/L	N	U	UJ	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	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-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3.08	122	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.308	802	—	—	—	0.308	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.308	288	—	—	—	0.308	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.473	1.6	0.377	—	—	0.033	mg/L	Y	—	J-	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1	15	—	0.704	2.37	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	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	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	62.5	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3.08	1	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3.08	1.39	—	—	—	3.08	µg/L	N	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3.08	50	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3.08	3.28	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.308	0.343	—	—	—	0.308	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.6	781	—	—	—	3.6	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	3.88	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.101	2	—	—	—	0.067	µg/L	Y	J	U	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.103	2	—	—	—	0.067	µg/L	Y	J	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	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-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	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-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.308	11.4	—	—	—	0.308	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.308	35.1	—	—	—	0.308	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3.08	930	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.8	—	—	—	—	3.8	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.16	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.308	1.17	—	—	—	0.308	µg/L	N	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	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	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.523	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3.08	190	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3.08	—	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3.08	38	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3.08	1.4	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3.08	—	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3.08	—	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3.08	0.00167	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3.08	0.00491	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.08	0.0273	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.08	0.11	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3.08	0.37	—	—	—	3.08	µg/L	Y	U	UJ	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.08	9.81	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3.08	3.07	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3.08	1	—	—	—	3.08	µg/L	Y	U	UJ	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.415	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.308	170	—	—	—	0.308	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3.08	5	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	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	Regional
R-10 S1	874.0	11/04/2021	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	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	2.45	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	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	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3.08	250	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.308	117	—	—	—	0.308	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3.08	20	—	—	—	3.08	µg/L	Y	U	UJ	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.406	5	—	0.133	0.278	—	pCi/L	Y	—	NQ	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.406	—	—	0.212	—	—	pCi/L	Y	—	NQ	N3B-2022-324	CASA-22-236464	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-10 S1	874.0	11/04/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0629	5	—	0.166	0.635	—	pCi/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	62.3	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	11.9	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	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	Regional
R-10 S1	874.0	11/04/2021	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	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	100	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.166	8	—	0.122	0.441	—	pCi/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.92	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3.08	20	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.08	1.66	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	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-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	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-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.08	240	—	—	—	3.08	µg/L	Y	U	UJ	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	166	1000	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0392	—	—	—	—	0.02	mg/L	Y	J	U	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	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-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	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-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	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-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3.08	70	—	—	—	3.08	µg/L	N	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	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-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	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-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3.08	1170	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	3.08	11.9	—	—	—	3.08	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	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-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	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-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	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-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.04	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.721	27.2	0.715	0.0541	0.0617	—	pCi/L	Y	—	NQ	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0302	28.8	—	0.0114	0.047	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.357	30	0.336	0.034	0.0587	—	pCi/L	Y	—	NQ	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	12.1	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	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-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	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-2022-324	CASA-22-236464	GELC	Regional
R-10 S1	874.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	N	26.1	10000	—	—	—	3.3	µg/L	Y	—	U	N3B-2022-324	CASA-22-236463	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.298	535	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.298	—	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	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	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-324	CASA-22-236467	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-10 S2	1042.0	11/04/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	92.7	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	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	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0251	—	—	—	—	0.017	mg/L	Y	J	J	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.18	130	—	—	—	4.18	µg/L	Y	U	UJ	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.298	1720	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.94	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	2.98	3	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	2.98	1.2	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	38.6	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.88	0.00109	—	—	—	3.88	µg/L	Y	U	R	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.298	0.12	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.298	0.2	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.298	0.343	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.298	—	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.298	3.43	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	5.97	75000	—	—	—	5.97	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	2.98	2000	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	2.98	59	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	2.98	0.137	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.298	6	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	33.7	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	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-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	2.98	—	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.298	160	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	20.8	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	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	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.27	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	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-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	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-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	2.98	1400	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.28	3.7	—	—	—	3.28	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.408	733	—	—	—	0.408	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	2.98	91	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.98	—	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.298	34.3	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	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	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.298	0.0343	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	2.98	7.9	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	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-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	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-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	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-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	2.98	600	—	—	—	2.98	µg/L	N	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	2.98	—	—	—	—	2.98	µg/L	N	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	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-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	2.98	75	—	—	—	2.98	µg/L	N	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	2.98	1.25	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	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-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	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-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	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-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	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-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	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-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	2.98	45.3	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	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-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	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-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	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-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	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-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.298	14800	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.298	612	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	2.98	354	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.298	885	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.98	1.52	—	—	—	2.98	µg/L	Y	U	UJ	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	4.97	38.7	—	—	—	4.97	µg/L	Y	U	UJ	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	2.98	2.37	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	2.98	0.485	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.298	200	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	2.98	7	—	—	—	2.98	µg/L	Y	U	UJ	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	4.59	—	—	—	16.7	µg/L	N	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	2.98	4.59	—	—	—	2.98	µg/L	N	U	UJ	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	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-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	2.98	122	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.298	802	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.298	288	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.434	1.6	0.377	—	—	0.033	mg/L	Y	—	J-	N3B-2022-324	CASA-22-236467	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.87	15	—	0.779	2.27	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	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	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	70.6	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	2.98	1	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	2.98	1.39	—	—	—	2.98	µg/L	N	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	2.98	50	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	2.98	3.28	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.298	0.343	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.48	781	—	—	—	3.48	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	4.54	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.093	2	—	—	—	0.067	µg/L	Y	J	U	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.106	2	—	—	—	0.067	µg/L	Y	J	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	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-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	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-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.298	11.4	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.298	35.1	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	2.98	930	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.68	—	—	—	—	3.68	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.14	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.298	1.17	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	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	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.543	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	2.98	190	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	2.98	—	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	2.98	38	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.98	1.4	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	2.98	—	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	2.98	—	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	2.98	0.00167	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	2.98	0.00491	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.98	0.0273	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.98	0.11	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	2.98	0.37	—	—	—	2.98	µg/L	Y	U	UJ	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.98	9.81	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	2.98	3.07	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	2.98	1	—	—	—	2.98	µg/L	Y	U	UJ	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.468	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.298	170	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	2.98	5	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	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	Regional
R-10 S2	1042.0	11/04/2021	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	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-10 S2	1042.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	2.73	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	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	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	2.98	250	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.298	117	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	2.98	20	—	—	—	2.98	µg/L	Y	U	UJ	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.423	5	—	0.129	0.231	—	pCi/L	Y	—	NQ	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	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	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0441	5	—	0.175	0.645	—	pCi/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	66.1	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	13	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	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	Regional
R-10 S2	1042.0	11/04/2021	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	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	105	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0967	8	—	0.139	0.485	—	pCi/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.66	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	2.98	20	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.98	1.66	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	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-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	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-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.98	240	—	—	—	2.98	µg/L	Y	U	UJ	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	164	1000	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0405	—	—	—	—	0.02	mg/L	Y	J	U	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	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-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	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-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	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-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	2.98	70	—	—	—	2.98	µg/L	N	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	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-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	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-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	2.98	1170	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	2.98	11.9	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	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-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	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-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	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-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.26	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.798	27.2	0.715	0.0556	0.0551	—	pCi/L	Y	—	NQ	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0147	28.8	—	0.0115	0.042	—	pCi/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.442	30	0.336	0.037	0.0524	—	pCi/L	Y	—	NQ	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	12	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	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-2022-324	CASA-22-236468	GELC	Regional
R-10 S2	1042.0	11/04/2021	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-2022-324	CASA-22-236468	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-10 S2	1042.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	N	22.1	10000	—	—	—	3.3	µg/L	Y	—	U	N3B-2022-324	CASA-22-236467	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.292	535	—	—	—	0.292	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.306	535	—	—	—	0.306	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.292	—	—	—	—	0.292	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.306	—	—	—	—	0.306	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	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	Regional
R-10a	690.0	11/04/2021	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	Regional
R-10a	690.0	11/04/2021	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	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	88.4	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	89.8	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	88.4	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	05/06/2022	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	Regional
R-10a	690.0	11/04/2021	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	Regional
R-10a	690.0	11/04/2021	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	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0462	—	—	—	—	0.017	mg/L	Y	J	J	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0462	—	—	—	—	0.017	mg/L	Y	J	J	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0317	—	—	—	—	0.017	mg/L	Y	J	J	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.09	130	—	—	—	4.09	µg/L	Y	U	UJ	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.28	130	—	—	—	4.28	µg/L	Y	U	UJ	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.292	1720	—	—	—	0.292	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.306	1720	—	—	—	0.306	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	4.44	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.81	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	3.02	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	2.92	3	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3.06	3	—	—	—	3.06	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	2.92	1.2	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3.06	1.2	—	—	—	3.06	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	75.5	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	78.4	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	Inorganic	SW-846:6010D	Barium	Ba	Y	81.2	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.8	0.00109	—	—	—	3.8	µg/L	Y	U	R	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.97	0.00109	—	—	—	3.97	µg/L	Y	U	R	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.292	0.12	—	—	—	0.292	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.306	0.12	—	—	—	0.306	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.292	0.2	—	—	—	0.292	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.306	0.2	—	—	—	0.306	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.292	0.343	—	—	—	0.292	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.306	0.343	—	—	—	0.306	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.292	—	—	—	—	0.292	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.306	—	—	—	—	0.306	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.292	3.43	—	—	—	0.292	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.306	3.43	—	—	—	0.306	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	5.85	75000	—	—	—	5.85	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	6.11	75000	—	—	—	6.11	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	2.92	2000	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3.06	2000	—	—	—	3.06	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	2.92	59	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3.06	59	—	—	—	3.06	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	2.92	0.137	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	3.06	0.137	—	—	—	3.06	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.292	6	—	—	—	0.292	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.306	6	—	—	—	0.306	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	18.8	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	21	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	Inorganic	SW-846:6010D	Boron	B	Y	20.5	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	05/06/2022	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	Regional
R-10a	690.0	11/04/2021	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	Regional
R-10a	690.0	11/04/2021	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	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	2.92	—	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3.06	—	—	—	—	3.06	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.292	160	—	—	—	0.292	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.306	160	—	—	—	0.306	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	27.1	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	26.8	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	Inorganic	SW-846:6010D	Calcium	Ca	Y	27.3	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	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	Regional
R-10a	690.0	11/04/2021	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	Regional
R-10a	690.0	11/04/2021	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	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.9	250	2.7	—	—	0.067	mg/L	Y	—	J+	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.4	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.43	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	05/06/2022	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-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	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-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	2.92	1400	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3.06	1400	—	—	—	3.06	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.21	3.7	—	—	—	3.21	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.36	3.7	—	—	—	3.36	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.399	733	—	—	—	0.399	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.418	733	—	—	—	0.418	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	2.92	91	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3.06	91	—	—	—	3.06	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.92	—	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.06	—	—	—	—	3.06	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.82	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.34	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.55	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.292	34.3	—	—	—	0.292	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.306	34.3	—	—	—	0.306	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	05/06/2022	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	Regional
R-10a	690.0	11/04/2021	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	Regional
R-10a	690.0	11/04/2021	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	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.292	0.0343	—	—	—	0.292	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.306	0.0343	—	—	—	0.306	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	2.92	7.9	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3.06	7.9	—	—	—	3.06	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	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-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	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-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	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-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	2.92	600	—	—	—	2.92	µg/L	N	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3.06	600	—	—	—	3.06	µg/L	N	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	2.92	—	—	—	—	2.92	µg/L	N	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3.06	—	—	—	—	3.06	µg/L	N	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	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-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	2.92	75	—	—	—	2.92	µg/L	N	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3.06	75	—	—	—	3.06	µg/L	N	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	2.92	1.25	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3.06	1.25	—	—	—	3.06	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	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-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	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-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	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-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	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-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	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-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	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-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	2.92	45.3	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3.06	45.3	—	—	—	3.06	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	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-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	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-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	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-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	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-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.292	14800	—	—	—	0.292	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.306	14800	—	—	—	0.306	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.292	612	—	—	—	0.292	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.306	612	—	—	—	0.306	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	2.92	354	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3.06	354	—	—	—	3.06	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.292	885	—	—	—	0.292	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.306	885	—	—	—	0.306	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.92	1.52	—	—	—	2.92	µg/L	Y	U	UJ	N3B-2022-324	CASA-22-236472	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.06	1.52	—	—	—	3.06	µg/L	Y	U	UJ	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	4.87	38.7	—	—	—	4.87	µg/L	Y	U	UJ	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5.09	38.7	—	—	—	5.09	µg/L	Y	U	UJ	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	2.92	2.37	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3.06	2.37	—	—	—	3.06	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	2.92	0.485	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3.06	0.485	—	—	—	3.06	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.292	200	—	—	—	0.292	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.306	200	—	—	—	0.306	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	2.92	7	—	—	—	2.92	µg/L	Y	U	UJ	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3.06	7	—	—	—	3.06	µg/L	Y	U	UJ	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	4.59	—	—	—	16.7	µg/L	N	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	4.59	—	—	—	16.7	µg/L	N	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	2.92	4.59	—	—	—	2.92	µg/L	N	U	UJ	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3.06	4.59	—	—	—	3.06	µg/L	N	U	UJ	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	2.92	122	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3.06	122	—	—	—	3.06	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.292	802	—	—	—	0.292	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.306	802	—	—	—	0.306	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.292	288	—	—	—	0.292	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.306	288	—	—	—	0.306	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.539	1.6	0.377	—	—	0.033	mg/L	Y	—	J+	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.584	1.6	0.377	—	—	0.033	mg/L	Y	—	J-	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.595	1.6	0.377	—	—	0.033	mg/L	Y	—	J-	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	2.49	15	—	1.06	2.9	—	pCi/L	Y	U	UJ	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.563	15	—	0.653	2.51	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.01	15	—	0.892	3.12	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	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	Regional
R-10a	690.0	11/04/2021	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	Regional
R-10a	690.0	11/04/2021	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	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	83.7	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	82	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	83.7	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	2.92	1	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3.06	1	—	—	—	3.06	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	2.92	1.39	—	—	—	2.92	µg/L	N	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3.06	1.39	—	—	—	3.06	µg/L	N	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	2.92	50	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3.06	50	—	—	—	3.06	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	2.92	3.28	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3.06	3.28	—	—	—	3.06	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.292	0.343	—	—	—	0.292	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.41	781	—	—	—	3.41	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.57	781	—	—	—	3.57	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	3.87	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	3.65	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	Inorganic	SW-846:6010D	Magnesium	Mg	Y	3.77	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.119	2	—	—	—	0.067	µg/L	Y	J	U	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.21	2	—	—	—	0.067	µg/L	Y	—	U	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.128	2	—	—	—	0.067	µg/L	Y	J	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	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-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	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-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.292	11.4	—	—	—	0.292	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.306	11.4	—	—	—	0.306	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.292	35.1	—	—	—	0.292	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.306	35.1	—	—	—	0.306	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	2.92	930	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3.06	930	—	—	—	3.06	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.6	—	—	—	—	3.6	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.77	—	—	—	—	3.77	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.578	1000	2.5	—	—	0.2	µg/L	Y	J	J	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.699	1000	2.5	—	—	0.2	µg/L	Y	J	J	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.746	1000	2.5	—	—	0.2	µg/L	Y	J	J	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.292	1.17	—	—	—	0.292	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.306	1.17	—	—	—	0.306	µg/L	N	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	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	Regional
R-10a	690.0	11/04/2021	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	Regional
R-10a	690.0	11/04/2021	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	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	4.69	200	2.9	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	5.22	200	2.9	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	5.43	200	2.9	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.26	10	0.769	—	—	0.085	mg/L	Y	—	NQ	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.25	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.3	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	2.92	190	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3.06	190	—	—	—	3.06	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	2.92	—	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3.06	—	—	—	—	3.06	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	2.92	38	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3.06	38	—	—	—	3.06	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.92	1.4	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3.06	1.4	—	—	—	3.06	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	2.92	—	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3.06	—	—	—	—	3.06	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	2.92	—	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3.06	—	—	—	—	3.06	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	2.92	0.00167	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3.06	0.00167	—	—	—	3.06	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	2.92	0.00491	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3.06	0.00491	—	—	—	3.06	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.92	0.0273	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.92	0.11	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	2.92	0.37	—	—	—	2.92	µg/L	Y	U	UJ	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3.06	0.37	—	—	—	3.06	µg/L	Y	U	UJ	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.92	9.81	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	2.92	3.07	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3.06	3.07	—	—	—	3.06	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	2.92	1	—	—	—	2.92	µg/L	Y	U	UJ	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3.06	1	—	—	—	3.06	µg/L	Y	U	UJ	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.684	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.688	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.68	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.292	170	—	—	—	0.292	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.306	170	—	—	—	0.306	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	2.92	5	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Phenol	108-95-2	N	3.06	5	—	—	—	3.06	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	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	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-10a	690.0	11/04/2021	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	Regional
R-10a	690.0	11/04/2021	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	Regional
R-10a	690.0	05/06/2022	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	Regional
R-10a	690.0	11/04/2021	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	Regional
R-10a	690.0	11/04/2021	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	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	3.16	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	3.06	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	Inorganic	SW-846:6010D	Potassium	K	Y	3.15	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	05/06/2022	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	Regional
R-10a	690.0	11/04/2021	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	Regional
R-10a	690.0	11/04/2021	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	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	2.92	250	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3.06	250	—	—	—	3.06	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.292	117	—	—	—	0.292	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.306	117	—	—	—	0.306	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	2.92	20	—	—	—	2.92	µg/L	Y	U	UJ	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3.06	20	—	—	—	3.06	µg/L	Y	U	UJ	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.612	5	—	0.211	0.538	—	pCi/L	Y	—	NQ	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.566	5	—	0.166	0.348	—	pCi/L	Y	—	NQ	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.584	5	—	0.16	0.34	—	pCi/L	Y	—	NQ	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.571	—	—	0.237	—	—	pCi/L	Y	—	NQ	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.658	—	—	0.266	—	—	pCi/L	Y	—	NQ	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.305	5	—	0.119	0.539	—	pCi/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.00499	5	—	0.169	0.63	—	pCi/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.074	5	—	0.212	0.75	—	pCi/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	54.1	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	55.6	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	56.5	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	12.8	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	12.4	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	Inorganic	SW-846:6010D	Sodium	Na	Y	12.9	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	05/06/2022	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	Regional
R-10a	690.0	11/04/2021	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	Regional
R-10a	690.0	11/04/2021	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	Regional
R-10a	690.0	05/06/2022	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	Regional
R-10a	690.0	11/04/2021	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	Regional
R-10a	690.0	11/04/2021	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	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	188	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	181	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	Inorganic	SW-846:6010D	Strontium	Sr	Y	187	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-10a	690.0	05/06/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.107	8	—	0.0988	0.344	—	pCi/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.103	8	—	0.142	0.482	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.166	8	—	0.123	0.481	—	pCi/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.9	600	4.59	—	—	0.133	mg/L	Y	—	J+	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.2	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.2	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	2.92	20	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3.06	20	—	—	—	3.06	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.92	1.66	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	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-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	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-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.92	240	—	—	—	2.92	µg/L	Y	U	UJ	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.06	240	—	—	—	3.06	µg/L	Y	U	UJ	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	186	1000	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	166	1000	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	160	1000	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.107	—	—	—	—	0.033	mg/L	Y	—	J+	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.077	—	—	—	—	0.02	mg/L	Y	—	NQ	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.026	—	—	—	—	0.02	mg/L	Y	J	U	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0301	—	—	—	—	0.02	mg/L	Y	J	U	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	05/06/2022	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-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	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-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	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-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	2.92	70	—	—	—	2.92	µg/L	N	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3.06	70	—	—	—	3.06	µg/L	N	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	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-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	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-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	2.92	1170	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3.06	1170	—	—	—	3.06	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	2.92	11.9	—	—	—	2.92	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	3.06	11.9	—	—	—	3.06	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	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-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	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-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	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-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.68	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.7	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	1.7	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.969	27.2	0.715	0.0711	0.0555	—	pCi/L	Y	—	NQ	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.957	27.2	0.715	0.0786	0.0967	—	pCi/L	Y	—	NQ	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.982	27.2	0.715	0.0677	0.0601	—	pCi/L	Y	—	NQ	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0362	28.8	—	0.0129	0.0454	—	pCi/L	Y	U	UJ	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0215	28.8	—	0.0143	0.0737	—	pCi/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0214	28.8	—	0.01	0.0458	—	pCi/L	Y	U	UJ	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.586	30	0.336	0.0501	0.0456	—	pCi/L	Y	—	NQ	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.525	30	0.336	0.0518	0.0919	—	pCi/L	Y	—	NQ	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.589	30	0.336	0.0462	0.0571	—	pCi/L	Y	—	NQ	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	8.21	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	7.95	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	FD	Inorganic	SW-846:6010D	Vanadium	V	Y	7.88	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	UF	INIT	FD	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	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-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	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-2022-1448	CASA-22-249212	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236472	GELC	Regional
R-10a	690.0	11/04/2021	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-2022-324	CASA-22-236476	GELC	Regional
R-10a	690.0	05/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	9.89	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-1448	CASA-22-249213	GELC	Regional
R-10a	690.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	N	27.3	10000	—	—	—	3.3	µg/L	Y	—	U	N3B-2022-324	CASA-22-236471	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-10a	690.0	11/04/2021	F	INIT	FD	Inorganic	SW-846:6010D	Zinc	Zn	N	27.8	10000	—	—	—	3.3	µg/L	Y	—	U	N3B-2022-324	CASA-22-236475	GELC	Regional
R-12 S1	459.0	07/23/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.593	401	—	—	—	0.593	ng/L	Y	U	U	N3B-2021-2147	CASA-21-231071	GELC	Intermediate
R-12 S1	459.0	07/23/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.718	60	—	—	—	0.718	ng/L	Y	U	U	N3B-2021-2147	CASA-21-231071	GELC	Intermediate
R-12 S1	459.0	07/23/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.718	60	—	—	—	0.718	ng/L	Y	U	U	N3B-2021-2147	CASA-21-231071	GELC	Intermediate
R-12 S1	459.0	07/23/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	N	0	—	—	—	—	—	ng/L	Y	U	U	N3B-2021-2147	CASA-21-231071	GELC	Intermediate
R-12 S1	459.0	07/23/2021	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	30.145	20000	—	4.681	2.682	—	pCi/L	Y	Q	J-	N3B-2021-2175	CASA-21-231071	ARSL	Intermediate
R-12 S2	504.5	07/23/2021	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	Intermediate
R-12 S2	504.5	07/23/2021	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	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.5	—	62	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	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	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0222	—	—	—	—	0.017	mg/L	Y	J	J	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.34	10	—	—	—	2	µg/L	Y	J	J	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	12	2000	13.5	—	—	1	µg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	20.5	750	—	—	—	15	µg/L	Y	J	J	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.6	—	10.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	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	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	8	250	3.11	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	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	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2021-2147	CASA-21-231072	GELC	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.348	1.6	0.234	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.481	15	—	0.589	2.27	—	pCi/L	Y	U	U	N3B-2021-2147	CASA-21-231072	GELC	Intermediate
R-12 S2	504.5	07/23/2021	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	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	63.6	—	37.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.16	—	3.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	32.1	200	—	—	—	2	µg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2021-2147	CASA-21-231072	GELC	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.53	1000	2.9	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	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	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	3.65	—	—	0.6	µg/L	Y	U	U	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.27	10	0.459	—	—	0.085	mg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.863	13.8	0.27	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.59	401	—	—	—	0.59	ng/L	Y	U	U	N3B-2021-2147	CASA-21-231072	GELC	Intermediate
R-12 S2	504.5	07/23/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.715	60	—	—	—	0.715	ng/L	Y	U	U	N3B-2021-2147	CASA-21-231072	GELC	Intermediate
R-12 S2	504.5	07/23/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.715	60	—	—	—	0.715	ng/L	Y	U	U	N3B-2021-2147	CASA-21-231072	GELC	Intermediate
R-12 S2	504.5	07/23/2021	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	Intermediate
R-12 S2	504.5	07/23/2021	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	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.39	—	2.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	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	Intermediate
R-12 S2	504.5	07/23/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.468	5	—	0.137	0.323	—	pCi/L	Y	—	NQ	N3B-2021-2147	CASA-21-231072	GELC	Intermediate
R-12 S2	504.5	07/23/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.516	—	—	0.22	—	—	pCi/L	Y	—	NQ	N3B-2021-2147	CASA-21-231072	GELC	Intermediate
R-12 S2	504.5	07/23/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0488	5	—	0.172	0.634	—	pCi/L	Y	U	U	N3B-2021-2147	CASA-21-231072	GELC	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2	50	—	—	—	2	µg/L	Y	U	U	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	45.9	—	75	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-12 S2	504.5	07/23/2021	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.8	—	18.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	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	Intermediate
R-12 S2	504.5	07/23/2021	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	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	77	11800	59.6	—	—	1	µg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.163	8	—	0.124	0.481	—	pCi/L	Y	U	U	N3B-2021-2147	CASA-21-231072	GELC	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.61	600	7.1	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	—	—	—	2.5	µg/L	Y	U	U	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	139	1000	—	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.089	—	—	—	—	0.033	mg/L	Y	J	U	N3B-2021-2147	CASA-21-231072	GELC	Intermediate
R-12 S2	504.5	07/23/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2021-2147	CASA-21-231072	GELC	Intermediate
R-12 S2	504.5	07/23/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	N	0	—	—	—	—	—	ng/L	Y	U	U	N3B-2021-2147	CASA-21-231072	GELC	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0373	—	—	—	—	0.02	mg/L	Y	J	J	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	23.716	20000	—	3.736	2.703	—	pCi/L	Y	Q	J-	N3B-2021-2175	CASA-21-231072	ARSL	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.513	30	0.992	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.307	27.2	0.477	0.0373	0.0852	—	pCi/L	Y	—	NQ	N3B-2021-2147	CASA-21-231072	GELC	Intermediate
R-12 S2	504.5	07/23/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0248	28.8	—	0.0143	0.0637	—	pCi/L	Y	U	U	N3B-2021-2147	CASA-21-231072	GELC	Intermediate
R-12 S2	504.5	07/23/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.184	30	0.201	0.0257	0.0838	—	pCi/L	Y	—	NQ	N3B-2021-2147	CASA-21-231072	GELC	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.31	63.1	9.29	—	—	1	µg/L	Y	J	J	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-12 S2	504.5	07/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	—	—	—	3.3	µg/L	Y	U	U	N3B-2021-2147	CASA-21-231073	GELC	Intermediate
R-16 S2	863.4	07/28/2021	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	Regional
R-16 S2	863.4	07/28/2021	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	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.4	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	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	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.158	—	—	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.89	10	—	—	—	2	µg/L	Y	J	J	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	18.3	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	20.7	750	—	—	—	15	µg/L	Y	J	J	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.2	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	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	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.99	250	2.7	—	—	0.067	mg/L	Y	—	J+	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	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	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2021-2169	CAMO-21-231039	GELC	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.416	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.06	15	—	0.693	2.26	—	pCi/L	Y	U	UJ	N3B-2021-2169	CAMO-21-231039	GELC	Regional
R-16 S2	863.4	07/28/2021	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	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	53.5	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.93	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	2.06	200	—	—	—	2	µg/L	Y	J	J	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231039	GELC	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.2	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	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	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231040	GELC	Regional

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Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-16 S2	863.4	07/28/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.467	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.405	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.58	401	—	—	—	0.58	ng/L	Y	U	U	N3B-2021-2169	CAMO-21-231039	GELC	Regional
R-16 S2	863.4	07/28/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.703	60	—	—	—	0.703	ng/L	Y	U	U	N3B-2021-2169	CAMO-21-231039	GELC	Regional
R-16 S2	863.4	07/28/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.703	60	—	—	—	0.703	ng/L	Y	U	U	N3B-2021-2169	CAMO-21-231039	GELC	Regional
R-16 S2	863.4	07/28/2021	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	Regional
R-16 S2	863.4	07/28/2021	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	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.79	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	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	Regional
R-16 S2	863.4	07/28/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.827	5	—	0.174	0.305	—	pCi/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231039	GELC	Regional
R-16 S2	863.4	07/28/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.959	—	—	0.23	—	—	pCi/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231039	GELC	Regional
R-16 S2	863.4	07/28/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.132	5	—	0.15	0.514	—	pCi/L	Y	U	UJ	N3B-2021-2169	CAMO-21-231039	GELC	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2	50	—	—	—	2	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	51.8	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.8	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	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	Regional
R-16 S2	863.4	07/28/2021	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	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	199	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0601	8	—	0.129	0.438	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231039	GELC	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.27	600	4.59	—	—	0.133	mg/L	Y	—	J+	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	—	—	—	2.5	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	144	1000	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0407	—	—	—	—	0.033	mg/L	Y	J	J	N3B-2021-2169	CAMO-21-231039	GELC	Regional
R-16 S2	863.4	07/28/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2021-2169	CAMO-21-231039	GELC	Regional
R-16 S2	863.4	07/28/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	N	0	—	—	—	—	—	ng/L	Y	U	U	N3B-2021-2169	CAMO-21-231039	GELC	Regional
R-16 S2	863.4	07/28/2021	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	Regional
R-16 S2	863.4	07/28/2021	UF	INIT	REG	RAD	Generic: Low_Level_Tritium	Tritium	H-3	N	0.207	20000	—	0.917	3.09	—	pCi/L	Y	UQ	UJ	N3B-2021-2175	CAMO-21-231039	ARSL	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.917	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.525	27.2	0.715	0.0393	0.0675	—	pCi/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231039	GELC	Regional
R-16 S2	863.4	07/28/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0327	28.8	—	0.0122	0.0505	—	pCi/L	Y	U	UJ	N3B-2021-2169	CAMO-21-231039	GELC	Regional
R-16 S2	863.4	07/28/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.347	30	0.336	0.0312	0.0664	—	pCi/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231039	GELC	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	14.1	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S2	863.4	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	10000	—	—	—	3.3	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231040	GELC	Regional
R-16 S4	1237.0	07/28/2021	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	Regional
R-16 S4	1237.0	07/28/2021	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	Regional
R-16 S4	1237.0	07/28/2021	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-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	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	Regional
R-16 S4	1237.0	07/28/2021	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	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	4.45	10	—	—	—	2	µg/L	Y	J	J	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	61.8	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	29	750	—	—	—	15	µg/L	Y	J	J	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	19.2	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	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	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.6	250	2.7	—	—	0.067	mg/L	Y	—	J+	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	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	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-16 S4	1237.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2021-2169	CAMO-21-231041	GELC	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.453	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.04	15	—	0.823	2.81	—	pCi/L	Y	U	UJ	N3B-2021-2169	CAMO-21-231041	GELC	Regional
R-16 S4	1237.0	07/28/2021	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	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	52.3	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.07	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	37.2	200	—	—	—	2	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231041	GELC	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.69	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	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	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.429	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.269	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.587	401	—	—	—	0.587	ng/L	Y	U	U	N3B-2021-2169	CAMO-21-231041	GELC	Regional
R-16 S4	1237.0	07/28/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.712	60	—	—	—	0.712	ng/L	Y	U	U	N3B-2021-2169	CAMO-21-231041	GELC	Regional
R-16 S4	1237.0	07/28/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.712	60	—	—	—	0.712	ng/L	Y	U	U	N3B-2021-2169	CAMO-21-231041	GELC	Regional
R-16 S4	1237.0	07/28/2021	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	Regional
R-16 S4	1237.0	07/28/2021	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	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.87	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	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	Regional
R-16 S4	1237.0	07/28/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.525	5	—	0.142	0.296	—	pCi/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231041	GELC	Regional
R-16 S4	1237.0	07/28/2021	UF	INIT	REG	RAD	Generic: Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.596	—	—	0.246	—	—	pCi/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231041	GELC	Regional
R-16 S4	1237.0	07/28/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.071	5	—	0.201	0.747	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231041	GELC	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2	50	—	—	—	2	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	42.3	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	16.2	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	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	Regional
R-16 S4	1237.0	07/28/2021	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	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	247	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.112	8	—	0.0815	0.27	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231041	GELC	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.79	600	4.59	—	—	0.133	mg/L	Y	—	J+	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	2.83	12000	—	—	—	2.5	µg/L	Y	J	J	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	130	1000	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.086	—	—	—	—	0.033	mg/L	Y	J	J	N3B-2021-2169	CAMO-21-231041	GELC	Regional
R-16 S4	1237.0	07/28/2021	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	Regional
R-16 S4	1237.0	07/28/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	N	0	—	—	—	—	—	ng/L	Y	U	U	N3B-2021-2169	CAMO-21-231041	GELC	Regional
R-16 S4	1237.0	07/28/2021	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	Regional
R-16 S4	1237.0	07/28/2021	UF	INIT	REG	RAD	Generic: Low_Level_Tritium	Tritium	H-3	N	0.874	20000	—	1.03	3.407	—	pCi/L	Y	UQ	UJ	N3B-2021-2175	CAMO-21-231041	ARSL	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.14	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.634	27.2	0.715	0.0383	0.0565	—	pCi/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231041	GELC	Regional
R-16 S4	1237.0	07/28/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0493	28.8	—	0.0122	0.0422	—	pCi/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231041	GELC	Regional
R-16 S4	1237.0	07/28/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.401	30	0.336	0.0306	0.0556	—	pCi/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231041	GELC	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	14.9	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16 S4	1237.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	7.46	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2021-2169	CAMO-21-231042	GELC	Regional
R-16r	600.0	07/28/2021	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	Regional
R-16r	600.0	07/28/2021	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	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2021-2169	CAMO-21-231106	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-16r	600.0	07/28/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	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	Regional
R-16r	600.0	07/28/2021	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	Regional
R-16r	600.0	07/28/2021	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	Regional
R-16r	600.0	07/28/2021	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	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	4.41	10	—	—	—	2	µg/L	Y	J	J	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	4.38	10	—	—	—	2	µg/L	Y	J	J	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	62.5	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	62.8	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	21.9	750	—	—	—	15	µg/L	Y	J	J	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	22.6	750	—	—	—	15	µg/L	Y	J	J	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	19.6	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	19.6	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	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	Regional
R-16r	600.0	07/28/2021	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	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.86	250	2.7	—	—	0.067	mg/L	Y	—	J+	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.71	250	2.7	—	—	0.067	mg/L	Y	—	J+	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.61	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.39	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	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	Regional
R-16r	600.0	07/28/2021	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	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2021-2169	CAMO-21-231043	GELC	Regional
R-16r	600.0	07/28/2021	UF	INIT	FD	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2021-2169	CAMO-21-231105	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.465	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.451	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.691	15	—	0.64	2.67	—	pCi/L	Y	U	UJ	N3B-2021-2169	CAMO-21-231043	GELC	Regional
R-16r	600.0	07/28/2021	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.39	15	—	0.861	2.79	—	pCi/L	Y	U	UJ	N3B-2021-2169	CAMO-21-231105	GELC	Regional
R-16r	600.0	07/28/2021	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	Regional
R-16r	600.0	07/28/2021	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	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	52.5	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	52.6	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	0.885	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	0.876	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231043	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-16r	600.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231105	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.2	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.14	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	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	Regional
R-16r	600.0	07/28/2021	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	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.48	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.48	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.35	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.351	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.583	401	—	—	—	0.583	ng/L	Y	U	U	N3B-2021-2169	CAMO-21-231043	GELC	Regional
R-16r	600.0	07/28/2021	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.571	401	—	—	—	0.571	ng/L	Y	U	U	N3B-2021-2169	CAMO-21-231105	GELC	Regional
R-16r	600.0	07/28/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.707	60	—	—	—	0.707	ng/L	Y	U	U	N3B-2021-2169	CAMO-21-231043	GELC	Regional
R-16r	600.0	07/28/2021	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.692	60	—	—	—	0.692	ng/L	Y	U	U	N3B-2021-2169	CAMO-21-231105	GELC	Regional
R-16r	600.0	07/28/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.707	60	—	—	—	0.707	ng/L	Y	U	U	N3B-2021-2169	CAMO-21-231043	GELC	Regional
R-16r	600.0	07/28/2021	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.692	60	—	—	—	0.692	ng/L	Y	U	U	N3B-2021-2169	CAMO-21-231105	GELC	Regional
R-16r	600.0	07/28/2021	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	Regional
R-16r	600.0	07/28/2021	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	Regional
R-16r	600.0	07/28/2021	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	Regional
R-16r	600.0	07/28/2021	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	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.28	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.35	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	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	Regional
R-16r	600.0	07/28/2021	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	Regional
R-16r	600.0	07/28/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.27	5	—	0.107	0.258	—	pCi/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231043	GELC	Regional
R-16r	600.0	07/28/2021	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	1.13	5	—	0.209	0.387	—	pCi/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231105	GELC	Regional
R-16r	600.0	07/28/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.3	—	—	0.207	—	—	pCi/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231043	GELC	Regional
R-16r	600.0	07/28/2021	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.16	—	—	0.257	—	—	pCi/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231105	GELC	Regional
R-16r	600.0	07/28/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0302	5	—	0.178	0.635	—	pCi/L	Y	U	UJ	N3B-2021-2169	CAMO-21-231043	GELC	Regional
R-16r	600.0	07/28/2021	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.0269	5	—	0.15	0.534	—	pCi/L	Y	U	UJ	N3B-2021-2169	CAMO-21-231105	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2	50	—	—	—	2	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	2	50	—	—	—	2	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	39.5	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	40.1	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	16.8	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	16.9	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	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	Regional
R-16r	600.0	07/28/2021	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	Regional
R-16r	600.0	07/28/2021	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	Regional
R-16r	600.0	07/28/2021	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	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	201	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	202	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0702	8	—	0.136	0.458	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231043	GELC	Regional
R-16r	600.0	07/28/2021	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.142	8	—	0.0998	0.349	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231105	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.87	600	4.59	—	—	0.133	mg/L	Y	—	J+	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.88	600	4.59	—	—	0.133	mg/L	Y	—	J+	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	3.45	12000	—	—	—	2.5	µg/L	Y	J	J	N3B-2021-2169	CAMO-21-231044	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-16r	600.0	07/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	Y	2.84	12000	—	—	—	2.5	µg/L	Y	J	J	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	137	1000	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	133	1000	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	U	N3B-2021-2169	CAMO-21-231043	GELC	Regional
R-16r	600.0	07/28/2021	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.085	—	—	—	—	0.033	mg/L	Y	J	J	N3B-2021-2169	CAMO-21-231105	GELC	Regional
R-16r	600.0	07/28/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2021-2169	CAMO-21-231043	GELC	Regional
R-16r	600.0	07/28/2021	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2021-2169	CAMO-21-231105	GELC	Regional
R-16r	600.0	07/28/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	N	0	—	—	—	—	—	ng/L	Y	U	U	N3B-2021-2169	CAMO-21-231043	GELC	Regional
R-16r	600.0	07/28/2021	UF	INIT	FD	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	N	0	—	—	—	—	—	ng/L	Y	U	U	N3B-2021-2169	CAMO-21-231105	GELC	Regional
R-16r	600.0	07/28/2021	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	Regional
R-16r	600.0	07/28/2021	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	Regional
R-16r	600.0	07/28/2021	UF	INIT	REG	RAD	Generic :Low_Level_Tritium	Tritium	H-3	N	0.033	20000	—	0.881	2.98	—	pCi/L	Y	UQ	UJ	N3B-2021-2175	CAMO-21-231043	ARSL	Regional
R-16r	600.0	07/28/2021	UF	INIT	FD	RAD	Generic :Low_Level_Tritium	Tritium	H-3	N	-1.324	20000	—	0.921	3.124	—	pCi/L	Y	UQ	UJ	N3B-2021-2175	CAMO-21-231105	ARSL	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.07	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	1.02	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.209	27.2	0.715	0.0513	0.136	—	pCi/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231043	GELC	Regional
R-16r	600.0	07/28/2021	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.689	27.2	0.715	0.0424	0.0591	—	pCi/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231105	GELC	Regional
R-16r	600.0	07/28/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0131	28.8	—	0.0161	0.101	—	pCi/L	Y	U	U	N3B-2021-2169	CAMO-21-231043	GELC	Regional
R-16r	600.0	07/28/2021	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0401	28.8	—	0.0134	0.0442	—	pCi/L	Y	U	UJ	N3B-2021-2169	CAMO-21-231105	GELC	Regional
R-16r	600.0	07/28/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.181	30	0.336	0.0368	0.133	—	pCi/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231043	GELC	Regional
R-16r	600.0	07/28/2021	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.398	30	0.336	0.0327	0.0581	—	pCi/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231105	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	14.8	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	14.8	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	5.61	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2021-2169	CAMO-21-231044	GELC	Regional
R-16r	600.0	07/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	Y	5.35	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2021-2169	CAMO-21-231106	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.493	—	—	—	—	0.493	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.487	—	—	—	—	0.487	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.493	—	—	—	—	0.493	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.487	—	—	—	—	0.487	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.296	—	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.292	—	—	—	—	0.292	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.3	535	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.305	535	—	—	—	0.305	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.305	—	—	—	—	0.305	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.95	—	—	—	—	0.01	SU	Y	H	J	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.91	—	—	—	—	0.01	SU	Y	H	J	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-17 S1	1057.0	04/18/2022	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	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	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	Regional
R-17 S1	1057.0	04/18/2022	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	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0807	1.9	—	—	—	0.0807	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0789	1.9	—	—	—	0.0789	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0779	1.9	—	—	—	0.0779	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0807	1.9	—	—	—	0.0807	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0789	1.9	—	—	—	0.0789	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0779	1.9	—	—	—	0.0779	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0332	—	—	—	—	0.017	mg/L	Y	J	U	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0858	—	—	—	—	0.017	mg/L	Y	—	U	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.2	130	—	—	—	4.2	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.27	130	—	—	—	4.27	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.3	1720	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.305	1720	—	—	—	0.305	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	10	—	—	—	2	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	N	2	10	—	—	—	2	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3	3	—	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3.05	3	—	—	—	3.05	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3	1.2	—	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3.05	1.2	—	—	—	3.05	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	37.2	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6010D	Barium	Ba	Y	36.7	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.9	0.00109	—	—	—	3.9	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.96	0.00109	—	—	—	3.96	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.305	0.12	—	—	—	0.305	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.305	0.2	—	—	—	0.305	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.305	0.343	—	—	—	0.305	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.305	—	—	—	—	0.305	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.305	3.43	—	—	—	0.305	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	Y	14.2	75000	—	—	—	6	µg/L	Y	J	J	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	Y	15.7	75000	—	—	—	6.09	µg/L	Y	J	J	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3	2000	—	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3.05	2000	—	—	—	3.05	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3	59	—	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3.05	59	—	—	—	3.05	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	3.05	0.137	—	—	—	3.05	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.305	6	—	—	—	0.305	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6010D	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3.05	—	—	—	—	3.05	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.3	160	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.305	160	—	—	—	0.305	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	9.69	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6010D	Calcium	Ca	Y	9.61	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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	Regional
R-17 S1	1057.0	04/18/2022	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	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.57	250	2.7	—	—	0.067	mg/L	Y	—	J	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.86	250	2.7	—	—	0.067	mg/L	Y	—	J	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3	1400	—	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3.05	1400	—	—	—	3.05	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.35	3.7	—	—	—	3.35	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.41	733	—	—	—	0.41	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.416	733	—	—	—	0.416	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3	91	—	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3.05	91	—	—	—	3.05	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.05	—	—	—	—	3.05	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.3	34.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.305	34.3	—	—	—	0.305	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.86	—	—	1.09	3.2	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	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	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.305	0.0343	—	—	—	0.305	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3	7.9	—	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3.05	7.9	—	—	—	3.05	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3	600	—	—	—	3	µg/L	N	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3.05	600	—	—	—	3.05	µg/L	N	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3	—	—	—	—	3	µg/L	N	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3.05	—	—	—	—	3.05	µg/L	N	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3	75	—	—	—	3	µg/L	N	U	UJ	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3.05	75	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3	1.25	—	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3.05	1.25	—	—	—	3.05	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3	45.3	—	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3.05	45.3	—	—	—	3.05	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.3	14800	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.305	14800	—	—	—	0.305	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.3	612	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.305	612	—	—	—	0.305	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3	354	—	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3.05	354	—	—	—	3.05	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.305	885	—	—	—	0.305	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0807	2	—	—	—	0.0807	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0789	2	—	—	—	0.0789	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0779	2	—	—	—	0.0779	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5	38.7	—	—	—	5	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5.08	38.7	—	—	—	5.08	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0807	2.37	—	—	—	0.0807	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0789	2.37	—	—	—	0.0789	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3	2.37	—	—	—	3	µg/L	N	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3.05	2.37	—	—	—	3.05	µg/L	N	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0779	2.37	—	—	—	0.0779	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0807	0.485	—	—	—	0.0807	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0789	0.485	—	—	—	0.0789	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3	0.485	—	—	—	3	µg/L	N	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3.05	0.485	—	—	—	3.05	µg/L	N	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0779	0.485	—	—	—	0.0779	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.305	200	—	—	—	0.305	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3	7	—	—	—	3	µg/L	Y	U	UJ	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3.05	7	—	—	—	3.05	µg/L	Y	U	UJ	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3	4.59	—	—	—	3	µg/L	N	U	UJ	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3.05	4.59	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3	122	—	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3.05	122	—	—	—	3.05	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.3	802	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.305	802	—	—	—	0.305	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.3	288	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.305	288	—	—	—	0.305	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	N	0.033	1.6	0.377	—	—	0.033	mg/L	Y	U	UJ	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.299	1.6	0.377	—	—	0.033	mg/L	Y	—	J	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.5	15	—	0.672	1.8	—	pCi/L	Y	U	UJ	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	RAD	EPA:900.0	Gross alpha	GROSSA	N	-0.0972	15	—	0.371	1.91	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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	Regional
R-17 S1	1057.0	04/18/2022	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	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	35.7	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	35.5	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3.05	1	—	—	—	3.05	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3	1.39	—	—	—	3	µg/L	N	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3.05	1.39	—	—	—	3.05	µg/L	N	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3.05	50	—	—	—	3.05	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3	3.28	—	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3.05	3.28	—	—	—	3.05	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0807	1000	—	—	—	0.0807	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0789	1000	—	—	—	0.0789	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0779	1000	—	—	—	0.0779	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	Y	150	1000	—	—	—	30	µg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6010D	Iron	Fe	Y	147	1000	—	—	—	30	µg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.5	781	—	—	—	3.5	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.55	781	—	—	—	3.55	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional

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Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	2.79	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6010D	Magnesium	Mg	Y	2.79	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	Y	2.43	200	—	—	—	2	µg/L	Y	J	J	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6010D	Manganese	Mn	Y	2.29	200	—	—	—	2	µg/L	Y	J	J	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	2.52	5	—	—	—	0.5	µg/L	Y	J	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	2.36	5	—	—	—	0.5	µg/L	Y	J	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.305	11.4	—	—	—	0.305	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.305	35.1	—	—	—	0.305	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3	930	—	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3.05	930	—	—	—	3.05	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	—	—	—	3.7	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.76	—	—	—	—	3.76	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.53	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.05	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.3	1.17	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.305	1.17	—	—	—	0.305	µg/L	N	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.2	—	—	3.32	10.6	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	4.17	200	2.9	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	4.32	200	2.9	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.192	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.18	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3	190	—	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3.05	190	—	—	—	3.05	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3.05	—	—	—	—	3.05	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3	38	—	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3.05	38	—	—	—	3.05	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0807	1.4	—	—	—	0.0807	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0789	1.4	—	—	—	0.0789	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3	1.4	—	—	—	3	µg/L	N	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3.05	1.4	—	—	—	3.05	µg/L	N	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-17 S1	1057.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0779	1.4	—	—	—	0.0779	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3.05	—	—	—	—	3.05	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3.05	—	—	—	—	3.05	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3	0.00167	—	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3.05	0.00167	—	—	—	3.05	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3	0.00491	—	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3.05	0.00491	—	—	—	3.05	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3	0.37	—	—	—	3	µg/L	Y	U	UJ	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3.05	0.37	—	—	—	3.05	µg/L	Y	U	UJ	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0808	3.14	—	—	—	0.0808	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0798	3.14	—	—	—	0.0798	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0807	1.74	—	—	—	0.0807	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0789	1.74	—	—	—	0.0789	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0779	1.74	—	—	—	0.0779	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.148	42.7	—	—	—	0.148	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	10/25/2021	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-2022-182	CAPA-22-235463	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3	3.07	—	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3.05	3.07	—	—	—	3.05	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	4	1	—	—	—	3.05	µg/L	Y	J	UJ	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.228	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.227	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.0986	170	—	—	—	0.0986	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.0973	170	—	—	—	0.0973	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.3	170	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.305	170	—	—	—	0.305	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3	5	—	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Phenol	108-95-2	N	3.05	5	—	—	—	3.05	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00284	—	—	0.00635	0.051	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	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	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	—	—	0.00897	0.0767	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.011	—	—	0.0129	0.0745	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	1.55	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6010D	Potassium	K	Y	1.55	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	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	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-41.5	—	—	21.3	70	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3	250	—	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3.05	250	—	—	—	3.05	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.3	117	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.305	117	—	—	—	0.305	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3.05	20	—	—	—	3.05	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.191	5	—	0.126	0.418	—	pCi/L	Y	U	UJ	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.681	5	—	0.161	0.209	—	pCi/L	Y	—	J+	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.91	—	—	0.275	—	—	pCi/L	Y	J	J+	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	1.08	5	—	0.249	0.527	—	pCi/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.229	5	—	0.223	0.756	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0807	9.66	—	—	—	0.0807	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0789	9.66	—	—	—	0.0789	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0779	9.66	—	—	—	0.0779	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	69.1	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	68.6	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	11.2	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6010D	Sodium	Na	Y	11.1	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	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	Regional
R-17 S1	1057.0	04/18/2022	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	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	130	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	41.8	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6010D	Strontium	Sr	Y	41.7	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.117	8	—	0.142	0.495	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0569	8	—	0.0734	0.252	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.67	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.68	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3.05	20	—	—	—	3.05	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.296	—	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.292	—	—	—	—	0.292	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248777	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.05	240	—	—	—	3.05	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0807	39.4	—	—	—	0.0807	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0789	39.4	—	—	—	0.0789	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0779	39.4	—	—	—	0.0779	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	147	1000	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	137	1000	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0351	—	—	—	—	0.033	mg/L	Y	J	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.335	—	—	—	—	0.33	mg/L	Y	J	J	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.445	—	—	—	—	0.33	mg/L	Y	J	J	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.103	—	—	—	—	0.02	mg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.138	—	—	—	—	0.02	mg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3	70	—	—	—	3	µg/L	N	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3.05	70	—	—	—	3.05	µg/L	N	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3	1170	—	—	—	3	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3.05	1170	—	—	—	3.05	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	3.05	11.9	—	—	—	3.05	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0807	590	—	—	—	0.0807	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0789	590	—	—	—	0.0789	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0779	590	—	—	—	0.0779	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0807	9.8	—	—	—	0.0807	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0789	9.8	—	—	—	0.0789	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0779	9.8	—	—	—	0.0779	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.296	—	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.292	—	—	—	—	0.292	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235463	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.413	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.402	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.282	27.2	0.715	0.0337	0.0558	—	pCi/L	Y	—	J	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.268	27.2	0.715	0.0334	0.0546	—	pCi/L	Y	—	J	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0249	28.8	—	0.0119	0.0406	—	pCi/L	Y	U	UJ	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0209	28.8	—	0.00989	0.0397	—	pCi/L	Y	U	UJ	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.187	30	0.336	0.0257	0.0517	—	pCi/L	Y	—	J	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.138	30	0.336	0.0242	0.0506	—	pCi/L	Y	—	J	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	4.26	63.1	11.4	—	—	1	µg/L	Y	J	J	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6010D	Vanadium	V	Y	4.12	63.1	11.4	—	—	1	µg/L	Y	J	J	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248773	GELC	Regional
R-17 S1	1057.0	04/18/2022	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-2022-1320	CAPA-22-248777	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	3.45	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-1320	CAPA-22-248772	GELC	Regional
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6010D	Zinc	Zn	Y	3.31	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-1320	CAPA-22-248776	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.481	—	—	—	—	0.481	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235464	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.481	—	—	—	—	0.481	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235466	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.481	—	—	—	—	0.481	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235464	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.481	—	—	—	—	0.481	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235466	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.289	—	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235464	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.288	—	—	—	—	0.288	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235466	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.3	535	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.304	535	—	—	—	0.304	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.304	—	—	—	—	0.304	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.2	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00847	—	—	0.0104	0.0356	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0138	—	—	0.00795	0.0386	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.08	1.9	—	—	—	0.08	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.08	1.9	—	—	—	0.08	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.077	1.9	—	—	—	0.077	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235464	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0769	1.9	—	—	—	0.0769	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235466	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.08	1.9	—	—	—	0.08	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.08	1.9	—	—	—	0.08	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.077	1.9	—	—	—	0.077	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235464	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0769	1.9	—	—	—	0.0769	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235466	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.056	—	—	—	—	0.017	mg/L	Y	—	U	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0367	—	—	—	—	0.017	mg/L	Y	J	U	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.2	130	—	—	—	4.2	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.25	130	—	—	—	4.25	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.3	1720	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.304	1720	—	—	—	0.304	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	10	—	—	—	2	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	N	2	10	—	—	—	2	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3	3	—	—	—	3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3.04	3	—	—	—	3.04	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3	1.2	—	—	—	3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3.04	1.2	—	—	—	3.04	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	28.8	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6010D	Barium	Ba	Y	28.5	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.9	0.00109	—	—	—	3.9	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.95	0.00109	—	—	—	3.95	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.304	0.12	—	—	—	0.304	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.3	0.2	—	—	—	0.3	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.304	0.2	—	—	—	0.304	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.304	0.343	—	—	—	0.304	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.304	—	—	—	—	0.304	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.304	3.43	—	—	—	0.304	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	Y	14.4	75000	—	—	—	6	µg/L	Y	J	J	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	Y	14.1	75000	—	—	—	6.07	µg/L	Y	J	J	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3	2000	—	—	—	3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3.04	2000	—	—	—	3.04	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3	59	—	—	—	3	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3.04	59	—	—	—	3.04	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	3.04	0.137	—	—	—	3.04	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.304	6	—	—	—	0.304	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6010D	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3.04	—	—	—	—	3.04	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.3	160	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.304	160	—	—	—	0.304	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	8.41	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6010D	Calcium	Ca	Y	8.27	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.7	—	—	1.12	4.49	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0159	—	—	1.52	5.35	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.78	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.79	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3	1400	—	—	—	3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3.04	1400	—	—	—	3.04	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.34	3.7	—	—	—	3.34	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.41	733	—	—	—	0.41	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.415	733	—	—	—	0.415	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3	91	—	—	—	3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3.04	91	—	—	—	3.04	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3	—	—	—	—	3	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.04	—	—	—	—	3.04	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.29	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.37	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.3	34.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.304	34.3	—	—	—	0.304	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.12	—	—	1.45	5.64	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.569	—	—	1.06	4.69	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.304	0.0343	—	—	—	0.304	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3	7.9	—	—	—	3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3.04	7.9	—	—	—	3.04	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3	600	—	—	—	3	µg/L	N	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3.04	600	—	—	—	3.04	µg/L	N	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3	—	—	—	—	3	µg/L	N	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3.04	—	—	—	—	3.04	µg/L	N	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3	75	—	—	—	3	µg/L	N	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3.04	75	—	—	—	3.04	µg/L	N	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3	1.25	—	—	—	3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3.04	1.25	—	—	—	3.04	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3	45.3	—	—	—	3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3.04	45.3	—	—	—	3.04	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.3	14800	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.304	14800	—	—	—	0.304	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.3	612	—	—	—	0.3	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.304	612	—	—	—	0.304	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3	354	—	—	—	3	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3.04	354	—	—	—	3.04	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.304	885	—	—	—	0.304	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.08	2	—	—	—	0.08	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.08	2	—	—	—	0.08	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.077	2	—	—	—	0.077	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235464	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0769	2	—	—	—	0.0769	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235466	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5	38.7	—	—	—	5	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5.06	38.7	—	—	—	5.06	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3	2.37	—	—	—	3	µg/L	N	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.08	2.37	—	—	—	0.08	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3.04	2.37	—	—	—	3.04	µg/L	N	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.08	2.37	—	—	—	0.08	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.077	2.37	—	—	—	0.077	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235464	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0769	2.37	—	—	—	0.0769	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235466	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3	0.485	—	—	—	3	µg/L	N	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.08	0.485	—	—	—	0.08	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3.04	0.485	—	—	—	3.04	µg/L	N	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.08	0.485	—	—	—	0.08	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.077	0.485	—	—	—	0.077	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235464	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0769	0.485	—	—	—	0.0769	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235466	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.3	200	—	—	—	0.3	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.304	200	—	—	—	0.304	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3	7	—	—	—	3	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3.04	7	—	—	—	3.04	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3	4.59	—	—	—	3	µg/L	N	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3.04	4.59	—	—	—	3.04	µg/L	N	U	UJ	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3	122	—	—	—	3	µg/L	N	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3.04	122	—	—	—	3.04	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.3	802	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.304	802	—	—	—	0.304	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.3	288	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.304	288	—	—	—	0.304	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.278	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.269	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.218	15	—	0.503	2.13	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	RAD	EPA:900.0	Gross alpha	GROSSA	N	2.45	15	—	1.09	2.91	—	pCi/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	1.63	—	—	0.888	2.9	—	pCi/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	RAD	EPA:900.0	Gross beta	GROSSB	N	1.09	—	—	0.875	2.96	—	pCi/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	32.1	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	31.7	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3.04	1	—	—	—	3.04	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3	1.39	—	—	—	3	µg/L	N	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3.04	1.39	—	—	—	3.04	µg/L	N	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3.04	50	—	—	—	3.04	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3	3.28	—	—	—	3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3.04	3.28	—	—	—	3.04	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.08	1000	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.08	1000	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.077	1000	—	—	—	0.077	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235464	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0769	1000	—	—	—	0.0769	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235466	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.5	781	—	—	—	3.5	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.54	781	—	—	—	3.54	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	2.7	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6010D	Magnesium	Mg	Y	2.68	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	2.52	5	—	—	—	0.5	µg/L	Y	J	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	2.67	5	—	—	—	0.5	µg/L	Y	J	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.304	11.4	—	—	—	0.304	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.304	35.1	—	—	—	0.304	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3	930	—	—	—	3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3.04	930	—	—	—	3.04	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	—	—	—	3.7	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.74	—	—	—	—	3.74	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.11	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.04	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.3	1.17	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.304	1.17	—	—	—	0.304	µg/L	N	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.27	—	—	2.34	7	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.46	—	—	2.34	8.17	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.317	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.318	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3	190	—	—	—	3	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3.04	190	—	—	—	3.04	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3.04	—	—	—	—	3.04	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3	38	—	—	—	3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3.04	38	—	—	—	3.04	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3	1.4	—	—	—	3	µg/L	N	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.08	1.4	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3.04	1.4	—	—	—	3.04	µg/L	N	U	UJ	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.08	1.4	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.077	1.4	—	—	—	0.077	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235464	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0769	1.4	—	—	—	0.0769	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235466	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3.04	—	—	—	—	3.04	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3	—	—	—	—	3	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3.04	—	—	—	—	3.04	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3	0.00167	—	—	—	3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3.04	0.00167	—	—	—	3.04	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3	0.00491	—	—	—	3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3.04	0.00491	—	—	—	3.04	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3	0.37	—	—	—	3	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3.04	0.37	—	—	—	3.04	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.082	3.14	—	—	—	0.082	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.082	3.14	—	—	—	0.082	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0789	3.14	—	—	—	0.0789	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235464	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0788	3.14	—	—	—	0.0788	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235466	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.08	1.74	—	—	—	0.08	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.08	1.74	—	—	—	0.08	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.077	1.74	—	—	—	0.077	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235464	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0769	1.74	—	—	—	0.0769	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235466	GELC	Regional
R-17 S2	1124.0	04/14/2022	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	UJ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.15	42.7	—	—	—	0.15	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.144	42.7	—	—	—	0.144	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235464	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.144	42.7	—	—	—	0.144	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235466	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	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-2022-1313	CAPA-22-248784	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3	3.07	—	—	—	3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3.04	3.07	—	—	—	3.04	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3	1	—	—	—	3	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3.04	1	—	—	—	3.04	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.237	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.236	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.1	170	—	—	—	0.1	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.1	170	—	—	—	0.1	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.0962	170	—	—	—	0.0962	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235464	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.0961	170	—	—	—	0.0961	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235466	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.3	170	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.304	170	—	—	—	0.304	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3	5	—	—	—	3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Phenol	108-95-2	N	3.04	5	—	—	—	3.04	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	—	—	0.00958	0.046	—	pCi/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0194	—	—	0.0121	0.0497	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00256	—	—	0.0133	0.0692	—	pCi/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0111	—	—	0.0157	0.0749	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	2.2	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6010D	Potassium	K	Y	2.17	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	6.18	—	—	24.3	41.7	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	1.09	—	—	22.7	58	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3	250	—	—	—	3	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3.04	250	—	—	—	3.04	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.3	117	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.304	117	—	—	—	0.304	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3	20	—	—	—	3	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3.04	20	—	—	—	3.04	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.285	5	—	0.124	0.351	—	pCi/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.154	5	—	0.115	0.392	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.531	—	—	0.257	—	—	pCi/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.369	—	—	0.302	—	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.246	5	—	0.225	0.76	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.215	5	—	0.279	0.956	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.08	9.66	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.08	9.66	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.077	9.66	—	—	—	0.077	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235464	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0769	9.66	—	—	—	0.0769	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235466	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	71.2	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	70.1	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	9.74	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6010D	Sodium	Na	Y	9.61	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.706	—	—	1.12	3.92	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.733	—	—	1.25	4.94	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	125	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	124	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	39.1	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6010D	Strontium	Sr	Y	38.7	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0566	8	—	0.0908	0.305	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.12	8	—	0.122	0.425	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.72	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.74	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3	20	—	—	—	3	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3.04	20	—	—	—	3.04	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.289	—	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235464	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.288	—	—	—	—	0.288	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235466	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.04	240	—	—	—	3.04	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.08	39.4	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.08	39.4	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.077	39.4	—	—	—	0.077	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235464	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0769	39.4	—	—	—	0.0769	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235466	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	140	1000	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	143	1000	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.575	—	—	—	—	0.33	mg/L	Y	J	J	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.374	—	—	—	—	0.33	mg/L	Y	J	J	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0979	—	—	—	—	0.02	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.108	—	—	—	—	0.02	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3	70	—	—	—	3	µg/L	N	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3.04	70	—	—	—	3.04	µg/L	N	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3	1170	—	—	—	3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3.04	1170	—	—	—	3.04	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	3.04	11.9	—	—	—	3.04	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.08	590	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.08	590	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.077	590	—	—	—	0.077	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235464	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0769	590	—	—	—	0.0769	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235466	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.08	9.8	—	—	—	0.08	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.08	9.8	—	—	—	0.08	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.077	9.8	—	—	—	0.077	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235464	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0769	9.8	—	—	—	0.0769	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235466	GELC	Regional
R-17 S2	1124.0	04/14/2022	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	UJ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.3	—	—	—	—	0.3	µg/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.289	—	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235464	GELC	Regional
R-17 S2	1124.0	10/25/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.288	—	—	—	—	0.288	µg/L	Y	U	U	N3B-2022-182	CAPA-22-235466	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.411	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.418	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.214	27.2	0.715	0.0303	0.052	—	pCi/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.247	27.2	0.715	0.0302	0.05	—	pCi/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00663	28.8	—	0.00812	0.0378	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0128	28.8	—	0.00904	0.0363	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.19	30	0.336	0.0256	0.0481	—	pCi/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.144	30	0.336	0.0212	0.0463	—	pCi/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	7.12	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6010D	Vanadium	V	Y	7.02	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248780	GELC	Regional
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248784	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	N	3.3	10000	—	—	—	3.3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248779	GELC	Regional
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6010D	Zinc	Zn	N	3.3	10000	—	—	—	3.3	µg/L	Y	U	U	N3B-2022-1313	CAPA-22-248783	GELC	Regional
R-19 S2	893.3	04/06/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.55	—	—	—	—	0.55	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.492	—	—	—	—	0.492	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235462	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.55	—	—	—	—	0.55	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.492	—	—	—	—	0.492	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235462	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.33	—	—	—	—	0.33	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	10/27/2021	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-2022-237	CAPA-22-235462	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.299	535	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.31	535	—	—	—	0.31	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.294	535	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.299	—	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.31	—	—	—	—	0.31	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.294	—	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	2.31	14100	—	—	—	1.74	µg/L	Y	J	J	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Acetone	67-64-1	Y	2.57	14100	—	—	—	1.74	µg/L	Y	J	J	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.67	—	—	—	—	0.01	SU	Y	H	J	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.67	—	—	—	—	0.01	SU	Y	H	J	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	UJ	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	UJ	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.2	—	62	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.7	—	62	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0215	—	—	0.0149	0.0401	—	pCi/L	Y	U	UJ	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0881	1.9	—	—	—	0.0881	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0788	1.9	—	—	—	0.0788	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235462	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0881	1.9	—	—	—	0.0881	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0788	1.9	—	—	—	0.0788	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235462	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.028	—	—	—	—	0.017	mg/L	Y	J	U	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-19 S2	893.3	09/28/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0321	—	—	—	—	0.017	mg/L	Y	J	J	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0376	—	—	—	—	0.017	mg/L	Y	J	J	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.19	130	—	—	—	4.19	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.34	130	—	—	—	4.34	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.12	130	—	—	—	4.12	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.299	1720	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.31	1720	—	—	—	0.31	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.294	1720	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	10	—	—	—	2	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	10	—	—	—	2	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	N	2	10	—	—	—	2	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	2.99	3	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.1	3	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	2.94	3	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	2.99	1.2	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.1	1.2	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	2.94	1.2	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	N	23.3	2000	13.5	—	—	1	µg/L	Y	—	U	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	21.8	2000	13.5	—	—	1	µg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	21.7	2000	13.5	—	—	1	µg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.89	0.00109	—	—	—	3.89	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	4.03	0.00109	—	—	—	4.03	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.82	0.00109	—	—	—	3.82	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.299	0.12	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.31	0.12	—	—	—	0.31	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.294	0.12	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.299	0.2	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.31	0.2	—	—	—	0.31	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.294	0.2	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.299	0.343	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.31	0.343	—	—	—	0.31	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.294	0.343	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.299	—	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.31	—	—	—	—	0.31	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.294	—	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.299	3.43	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.31	3.43	—	—	—	0.31	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.294	3.43	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	5.99	75000	—	—	—	5.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.2	75000	—	—	—	6.2	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	5.88	75000	—	—	—	5.88	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	2.99	2000	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.1	2000	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	2.94	2000	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	2.99	59	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.1	59	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	2.94	59	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	2.99	0.137	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.1	0.137	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	2.94	0.137	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.299	6	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.31	6	—	—	—	0.31	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.294	6	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15	750	—	—	—	15	µg/L	Y	J	J	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	15.5	750	—	—	—	15	µg/L	Y	J	J	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	2.99	—	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.1	—	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	2.94	—	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.299	160	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.31	160	—	—	—	0.31	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.294	160	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	N	14.9	—	10.7	—	—	0.05	mg/L	Y	—	U	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.3	—	10.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.3	—	10.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-3.56	—	—	1.98	6.38	—	pCi/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.02	250	3.11	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.83	250	3.11	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.86	250	3.11	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	2.99	1400	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.1	1400	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	2.94	1400	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.29	3.7	—	—	—	3.29	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.41	3.7	—	—	—	3.41	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.24	3.7	—	—	—	3.24	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.409	733	—	—	—	0.409	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.424	733	—	—	—	0.424	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.402	733	—	—	—	0.402	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	2.99	91	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.1	91	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	2.94	91	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.99	—	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.1	—	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.94	—	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.299	34.3	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.31	34.3	—	—	—	0.31	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.294	34.3	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.539	—	—	1.52	6.17	—	pCi/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.299	0.0343	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.31	0.0343	—	—	—	0.31	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.294	0.0343	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	2.99	7.9	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.1	7.9	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	2.94	7.9	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	2.99	600	—	—	—	2.99	µg/L	N	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.1	600	—	—	—	3.1	µg/L	N	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	2.94	600	—	—	—	2.94	µg/L	N	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	2.99	—	—	—	—	2.99	µg/L	N	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.1	—	—	—	—	3.1	µg/L	N	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	2.94	—	—	—	—	2.94	µg/L	N	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	2.99	75	—	—	—	2.99	µg/L	N	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.1	75	—	—	—	3.1	µg/L	N	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	2.94	75	—	—	—	2.94	µg/L	N	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	2.99	1.25	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.1	1.25	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	2.94	1.25	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	2.99	45.3	—	—	—	2.99	µg/L	Y	U	UJ	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.1	45.3	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	2.94	45.3	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.299	14800	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.31	14800	—	—	—	0.31	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.294	14800	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.299	612	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.31	612	—	—	—	0.31	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.294	612	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	2.99	354	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.1	354	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	2.94	354	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.299	885	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.31	885	—	—	—	0.31	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.294	885	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.1	1.52	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.94	1.52	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0881	2	—	—	—	0.0881	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0788	2	—	—	—	0.0788	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235462	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	4.99	38.7	—	—	—	4.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.17	38.7	—	—	—	5.17	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	4.9	38.7	—	—	—	4.9	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0881	2.37	—	—	—	0.0881	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	2.99	2.37	—	—	—	2.99	µg/L	N	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0788	2.37	—	—	—	0.0788	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235462	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.1	2.37	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	2.94	2.37	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0881	0.485	—	—	—	0.0881	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	2.99	0.485	—	—	—	2.99	µg/L	N	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0788	0.485	—	—	—	0.0788	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235462	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.1	0.485	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	2.94	0.485	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.299	200	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.31	200	—	—	—	0.31	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.294	200	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	2.99	7	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.1	7	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	2.94	7	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	2.99	4.59	—	—	—	2.99	µg/L	N	U	UJ	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	4.59	—	—	—	16.7	µg/L	N	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	4.59	—	—	—	16.7	µg/L	N	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.1	4.59	—	—	—	3.1	µg/L	N	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	2.94	4.59	—	—	—	2.94	µg/L	N	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	2.99	122	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.1	122	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	2.94	122	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.299	802	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.31	802	—	—	—	0.31	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.294	802	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.299	288	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.31	288	—	—	—	0.31	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.294	288	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.628	1.6	0.234	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-19 S2	893.3	09/28/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.831	1.6	0.234	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.839	1.6	0.234	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.84	15	—	0.68	2.37	—	pCi/L	Y	U	UJ	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	1.5	—	—	0.852	2.78	—	pCi/L	Y	U	UJ	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	48.6	—	37.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	44.5	—	37.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	44.5	—	37.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	2.99	1	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.1	1	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	2.94	1	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	2.99	1.39	—	—	—	2.99	µg/L	N	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.1	1.39	—	—	—	3.1	µg/L	N	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	2.94	1.39	—	—	—	2.94	µg/L	N	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	2.99	50	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.1	50	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	2.94	50	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	2.99	3.28	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.1	3.28	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	2.94	3.28	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0881	1000	—	—	—	0.0881	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0788	1000	—	—	—	0.0788	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235462	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.31	0.343	—	—	—	0.31	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.294	0.343	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.49	781	—	—	—	3.49	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.62	781	—	—	—	3.62	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.43	781	—	—	—	3.43	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	N	2.77	—	3.14	—	—	0.11	mg/L	Y	—	U	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.77	—	3.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.76	—	3.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-19 S2	893.3	04/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.299	11.4	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.31	11.4	—	—	—	0.31	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.294	11.4	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.299	35.1	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.31	35.1	—	—	—	0.31	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.294	35.1	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	2.99	930	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.1	930	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	2.94	930	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.69	—	—	—	—	3.69	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.83	—	—	—	—	3.83	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.63	—	—	—	—	3.63	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	1.42	1000	2.9	—	—	0.2	µg/L	Y	—	U	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.36	1000	2.9	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.34	1000	2.9	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.299	1.17	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.31	1.17	—	—	—	0.31	µg/L	N	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.294	1.17	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.15	—	—	2.65	8.12	—	pCi/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	3.65	—	—	0.6	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	3.65	—	—	0.6	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	3.65	—	—	0.6	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.35	10	0.459	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.358	10	0.459	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.358	10	0.459	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	2.99	190	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.1	190	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	2.94	190	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	2.99	—	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.1	—	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	2.94	—	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	2.99	38	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.1	38	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	2.94	38	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0881	1.4	—	—	—	0.0881	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.99	1.4	—	—	—	2.99	µg/L	N	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0788	1.4	—	—	—	0.0788	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235462	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.1	1.4	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	2.94	1.4	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	2.99	—	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.1	—	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	2.94	—	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	2.99	—	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.1	—	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	2.94	—	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	2.99	0.00167	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.1	0.00167	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	2.94	0.00167	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	2.99	0.00491	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.1	0.00491	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	2.94	0.00491	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.1	0.0273	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.94	0.0273	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.1	0.11	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.94	0.11	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	2.99	0.37	—	—	—	2.99	µg/L	Y	U	UJ	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.1	0.37	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	2.94	0.37	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0903	3.14	—	—	—	0.0903	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0808	3.14	—	—	—	0.0808	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235462	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0881	1.74	—	—	—	0.0881	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0788	1.74	—	—	—	0.0788	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235462	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.165	42.7	—	—	—	0.165	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.148	42.7	—	—	—	0.148	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235462	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.1	9.81	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.94	9.81	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	2.99	3.07	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.1	3.07	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	2.94	3.07	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	2.99	1	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.1	1	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	2.94	1	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.354	13.8	0.27	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.337	13.8	0.27	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.335	13.8	0.27	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-19 S2	893.3	04/06/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.616	401	—	—	—	0.616	ng/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.746	60	—	—	—	0.746	ng/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.746	60	—	—	—	0.746	ng/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.11	170	—	—	—	0.11	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.0985	170	—	—	—	0.0985	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235462	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.299	170	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.31	170	—	—	—	0.31	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.294	170	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	2.99	5	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.1	5	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Phenol	108-95-2	N	2.94	5	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0164	—	—	0.00768	0.0367	—	pCi/L	Y	U	UJ	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	—	—	0.00765	0.0553	—	pCi/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	N	0.952	—	2.35	—	—	0.05	mg/L	Y	—	U	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	0.978	—	2.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	0.95	—	2.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12.5	—	—	21.4	84.5	—	pCi/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	2.99	250	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.1	250	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Prometon	1610-18-0	N	2.94	250	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.299	117	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.31	117	—	—	—	0.31	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.294	117	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	2.99	20	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.1	20	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Pyridine	110-86-1	N	2.94	20	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	1.18	5	—	0.259	0.409	—	pCi/L	Y	—	NQ	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	1.22	—	—	0.294	—	—	pCi/L	Y	J	J	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0376	5	—	0.14	0.509	—	pCi/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0881	9.66	—	—	—	0.0881	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0788	9.66	—	—	—	0.0788	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235462	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	N	75.4	—	75	—	—	0.053	mg/L	Y	—	U	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.9	—	75	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72	—	75	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	N	14.6	—	18.2	—	—	0.1	mg/L	Y	—	U	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.7	—	18.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	13.7	—	18.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.00792	—	—	1.57	6.13	—	pCi/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	162	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	122	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	152	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-19 S2	893.3	04/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	N	60.3	11800	59.6	—	—	1	µg/L	Y	—	U	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	57.6	11800	59.6	—	—	1	µg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	57.6	11800	59.6	—	—	1	µg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.183	8	—	0.141	0.473	—	pCi/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.28	600	7.1	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.1	600	7.1	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.11	600	7.1	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	2.99	20	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.1	20	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	2.94	20	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.33	—	—	—	—	0.33	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	10/27/2021	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-2022-237	CAPA-22-235462	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.1	1.66	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.94	1.66	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.99	240	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.1	240	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.94	240	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0881	39.4	—	—	—	0.0881	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0788	39.4	—	—	—	0.0788	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235462	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	—	—	—	2.5	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	—	—	—	2.5	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	151	1000	—	—	—	3.4	mg/L	Y	—	J	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	149	1000	—	—	—	3.4	mg/L	Y	—	J	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	139	1000	—	—	—	3.4	mg/L	Y	—	J	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.137	—	—	—	—	0.033	mg/L	Y	—	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.104	—	—	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.11	—	—	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.385	—	—	—	—	0.33	mg/L	Y	J	J	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	N	0	—	—	—	—	—	ng/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.604	—	—	—	—	0.02	mg/L	Y	—	U	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.06	—	—	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-19 S2	893.3	09/28/2021	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0316	—	—	—	—	0.02	mg/L	Y	J	J	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	2.99	70	—	—	—	2.99	µg/L	N	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.1	70	—	—	—	3.1	µg/L	N	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	2.94	70	—	—	—	2.94	µg/L	N	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	2.99	1170	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.1	1170	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	2.94	1170	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	2.99	11.9	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.1	11.9	—	—	—	3.1	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	2.94	11.9	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0881	590	—	—	—	0.0881	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0788	590	—	—	—	0.0788	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235462	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0881	9.8	—	—	—	0.0881	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0788	9.8	—	—	—	0.0788	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235462	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.33	—	—	—	—	0.33	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	10/27/2021	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-2022-237	CAPA-22-235462	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	N	0.285	30	0.992	—	—	0.067	µg/L	Y	—	U	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.285	30	0.992	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.284	30	0.992	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.27	27.2	0.477	0.0313	0.0454	—	pCi/L	Y	—	NQ	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0145	28.8	—	0.00871	0.033	—	pCi/L	Y	U	UJ	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0843	30	0.201	0.0167	0.042	—	pCi/L	Y	—	NQ	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-19 S2	893.3	04/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	N	1.6	63.1	9.29	—	—	1	µg/L	Y	J	U	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.68	63.1	9.29	—	—	1	µg/L	Y	J	J	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	1.85	63.1	9.29	—	—	1	µg/L	Y	J	J	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248759	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234457	GELC	Intermediate
R-19 S2	893.3	09/28/2021	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-2021-2741	CAPA-21-234459	GELC	Intermediate
R-19 S2	893.3	04/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	N	8.18	10000	—	—	—	3.3	µg/L	Y	J	U	N3B-2022-1246	CAPA-22-248758	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	20.9	10000	—	—	—	3.3	µg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC	Intermediate
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	Y	13.5	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2021-2741	CAPA-21-234460	GELC	Intermediate
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.516	—	—	—	—	0.516	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235465	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.516	—	—	—	—	0.516	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235465	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.309	—	—	—	—	0.309	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235465	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.3	535	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.305	535	—	—	—	0.305	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.305	—	—	—	—	0.305	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	2.88	14100	—	—	—	1.74	µg/L	Y	J	J	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.67	—	—	—	—	0.01	SU	Y	H	J	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	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-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	UJ	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70.8	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00406	—	—	0.00952	0.0341	—	pCi/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.08	1.9	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0825	1.9	—	—	—	0.0825	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235465	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.08	1.9	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0825	1.9	—	—	—	0.0825	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235465	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-19 S3	1171.4	04/07/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0554	—	—	—	—	0.017	mg/L	Y	—	J+	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	—	0.017	mg/L	Y	U	U	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.2	130	—	—	—	4.2	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.28	130	—	—	—	4.28	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.3	1720	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.305	1720	—	—	—	0.305	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.24	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.15	10	—	—	—	2	µg/L	Y	J	J	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3	3	—	—	—	3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.05	3	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3	1.2	—	—	—	3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3.05	1.2	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	21.8	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	21.2	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.9	0.00109	—	—	—	3.9	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.97	0.00109	—	—	—	3.97	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.305	0.12	—	—	—	0.305	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.305	0.2	—	—	—	0.305	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.305	0.343	—	—	—	0.305	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.305	—	—	—	—	0.305	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.305	3.43	—	—	—	0.305	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	Y	13.5	75000	—	—	—	6	µg/L	Y	J	J	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.11	75000	—	—	—	6.11	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3	2000	—	—	—	3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.05	2000	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3	59	—	—	—	3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.05	59	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.05	0.137	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.305	6	—	—	—	0.305	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.9	750	—	—	—	15	µg/L	Y	J	J	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.05	—	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.3	160	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.305	160	—	—	—	0.305	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	14.2	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.1	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.62	—	—	2.93	5.42	—	pCi/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.86	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.95	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	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-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	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-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3	1400	—	—	—	3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.05	1400	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.36	3.7	—	—	—	3.36	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.41	733	—	—	—	0.41	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.417	733	—	—	—	0.417	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3	91	—	—	—	3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.05	91	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.05	—	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.3	34.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.305	34.3	—	—	—	0.305	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.568	—	—	1.26	4.94	—	pCi/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	UJ	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.305	0.0343	—	—	—	0.305	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3	7.9	—	—	—	3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.05	7.9	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	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-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	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-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3	600	—	—	—	3	µg/L	N	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.05	600	—	—	—	3.05	µg/L	N	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	09/29/2021	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-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3	—	—	—	—	3	µg/L	N	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.05	—	—	—	—	3.05	µg/L	N	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3	75	—	—	—	3	µg/L	N	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.05	75	—	—	—	3.05	µg/L	N	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	09/29/2021	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-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3	1.25	—	—	—	3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.05	1.25	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	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-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	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-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	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-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	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-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	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-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-19 S3	1171.4	09/29/2021	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-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3	45.3	—	—	—	3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.05	45.3	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	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-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	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-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	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-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	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-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.3	14800	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.305	14800	—	—	—	0.305	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.3	612	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.305	612	—	—	—	0.305	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3	354	—	—	—	3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.05	354	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.305	885	—	—	—	0.305	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.05	1.52	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.08	2	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0825	2	—	—	—	0.0825	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235465	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5	38.7	—	—	—	5	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.09	38.7	—	—	—	5.09	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.08	2.37	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3	2.37	—	—	—	3	µg/L	N	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0825	2.37	—	—	—	0.0825	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235465	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.05	2.37	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.08	0.485	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3	0.485	—	—	—	3	µg/L	N	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0825	0.485	—	—	—	0.0825	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235465	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.05	0.485	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.305	200	—	—	—	0.305	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3	7	—	—	—	3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.05	7	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3	4.59	—	—	—	3	µg/L	N	U	UJ	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	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-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.05	4.59	—	—	—	3.05	µg/L	N	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	4.59	—	—	—	16.7	µg/L	N	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3	122	—	—	—	3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.05	122	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.3	802	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.305	802	—	—	—	0.305	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.3	288	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.305	288	—	—	—	0.305	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.681	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.548	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.04	15	—	0.748	2.52	—	pCi/L	Y	U	UJ	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	1.18	—	—	0.798	2.67	—	pCi/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	46.3	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	45.8	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.05	1	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3	1.39	—	—	—	3	µg/L	N	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.05	1.39	—	—	—	3.05	µg/L	N	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.05	50	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3	3.28	—	—	—	3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.05	3.28	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.08	1000	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0825	1000	—	—	—	0.0825	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235465	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.305	0.343	—	—	—	0.305	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.5	781	—	—	—	3.5	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.56	781	—	—	—	3.56	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	2.61	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.58	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	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-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	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-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.52	5	—	—	—	0.5	µg/L	Y	BJ	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.305	11.4	—	—	—	0.305	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.305	35.1	—	—	—	0.305	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3	930	—	—	—	3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.05	930	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	—	—	—	3.7	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.77	—	—	—	—	3.77	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.39	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.49	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.3	1.17	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.305	1.17	—	—	—	0.305	µg/L	N	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.78	—	—	2.75	9.52	—	pCi/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.324	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.333	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3	190	—	—	—	3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.05	190	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.05	—	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3	38	—	—	—	3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.05	38	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.08	1.4	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3	1.4	—	—	—	3	µg/L	N	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0825	1.4	—	—	—	0.0825	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235465	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.05	1.4	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.05	—	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.05	—	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3	0.00167	—	—	—	3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.05	0.00167	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3	0.00491	—	—	—	3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.05	0.00491	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.05	0.0273	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.05	0.11	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3	0.37	—	—	—	3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.05	0.37	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.082	3.14	—	—	—	0.082	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0846	3.14	—	—	—	0.0846	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235465	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.08	1.74	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-19 S3	1171.4	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0825	1.74	—	—	—	0.0825	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235465	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	10/27/2021	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-2022-237	CAPA-22-235465	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.05	9.81	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3	3.07	—	—	—	3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.05	3.07	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.05	1	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.322	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.326	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.613	401	—	—	—	0.613	ng/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.742	60	—	—	—	0.742	ng/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.742	60	—	—	—	0.742	ng/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.103	170	—	—	—	0.103	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235465	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.3	170	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.305	170	—	—	—	0.305	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3	5	—	—	—	3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.05	5	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00448	—	—	0.01	0.0805	—	pCi/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00448	—	—	0.0173	0.121	—	pCi/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	0.943	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	0.912	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	3.07	—	—	17	72.6	—	pCi/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3	250	—	—	—	3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.05	250	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.3	117	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.305	117	—	—	—	0.305	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.05	20	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.248	5	—	0.139	0.436	—	pCi/L	Y	U	UJ	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.852	—	—	0.257	—	—	pCi/L	Y	U	UJ	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.604	5	—	0.216	0.609	—	pCi/L	Y	U	UJ	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.08	9.66	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0825	9.66	—	—	—	0.0825	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235465	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	71.9	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.6	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	14	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.7	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.06	—	—	1.38	5.6	—	pCi/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	162	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-19 S3	1171.4	09/29/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	153	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	57.5	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	56	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.118	8	—	0.141	0.484	—	pCi/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.13	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.19	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3	20	—	—	—	3	µg/L	Y	U	UJ	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.05	20	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.309	—	—	—	—	0.309	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235465	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.05	1.66	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	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-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	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-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.05	240	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.08	39.4	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0825	39.4	—	—	—	0.0825	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235465	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	144	1000	161	—	—	3.4	mg/L	Y	—	J	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	114	1000	161	—	—	3.4	mg/L	Y	—	J	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.131	—	—	—	—	0.033	mg/L	Y	—	UJ	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0713	—	—	—	—	0.033	mg/L	Y	J	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	N	0	—	—	—	—	—	ng/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.529	—	—	—	—	0.02	mg/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0743	—	—	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	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-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	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-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3	70	—	—	—	3	µg/L	N	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.05	70	—	—	—	3.05	µg/L	N	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	09/29/2021	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-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	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-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	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-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3	1170	—	—	—	3	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.05	1170	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.05	11.9	—	—	—	3.05	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	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-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	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-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	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-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.08	590	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0825	590	—	—	—	0.0825	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235465	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.08	9.8	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0825	9.8	—	—	—	0.0825	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235465	GELC	Regional
R-19 S3	1171.4	04/07/2022	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	UJ	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	10/27/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.309	—	—	—	—	0.309	µg/L	Y	U	U	N3B-2022-237	CAPA-22-235465	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.265	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.289	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.255	27.2	0.715	0.0301	0.0473	—	pCi/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00603	28.8	—	0.00604	0.0344	—	pCi/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0927	30	0.336	0.0165	0.0438	—	pCi/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	2.33	63.1	11.4	—	—	1	µg/L	Y	J	J	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.73	63.1	11.4	—	—	1	µg/L	Y	J	J	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6020B	Vanadium	V	N	11.5	63.1	11.4	—	—	3.3	µg/L	N	J	U	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	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-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	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-2022-1259	CAPA-22-248787	GELC	Regional
R-19 S3	1171.4	09/29/2021	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-2021-2743	CAPA-21-234461	GELC	Regional
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	7.15	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-1259	CAPA-22-248786	GELC	Regional
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	7.92	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2021-2743	CAPA-21-234462	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.3	535	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	2.48	14100	—	—	—	1.74	µg/L	Y	J	J	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.2	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	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	Regional
R-2	906.4	06/30/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0205	—	—	—	—	0.017	mg/L	Y	J	U	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.2	130	—	—	—	4.2	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.3	1720	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.13	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-2111	CAPU-22-253062	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3	3	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3	1.2	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	16.5	2000	38.1	—	—	1	µg/L	Y	—	J+	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.9	0.00109	—	—	—	3.9	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	6	75000	—	—	—	6	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3	2000	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3	59	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	Y	0.84	6	—	—	—	0.3	µg/L	Y	J	J	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	19.2	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.3	160	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	12.4	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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	Regional
R-2	906.4	06/30/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.25	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3	1400	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.41	733	—	—	—	0.41	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3	91	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.56	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.3	34.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	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	Regional
R-2	906.4	06/30/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	Y	11.7	1000	—	—	—	3	µg/L	Y	J	J	N3B-2022-2111	CAPU-22-253062	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-2	906.4	06/30/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3	7.9	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3	600	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3	75	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3	1.25	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3	45.3	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.3	14800	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.3	612	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3	354	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5	38.7	—	—	—	5	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3	2.37	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3	0.485	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3	7	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3	4.59	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3	122	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.3	802	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.3	288	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.321	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.202	15	—	0.636	2.72	—	pCi/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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	Regional
R-2	906.4	06/30/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	44.8	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3	1.39	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3	3.28	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-2	906.4	06/30/2022	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-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.5	781	—	—	—	3.5	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	3.35	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	Y	4.95	200	—	—	—	2	µg/L	Y	J	J	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3	930	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	—	—	—	3.7	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.09	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.3	1.17	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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	Regional
R-2	906.4	06/30/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.85	200	2.9	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.489	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3	190	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3	38	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3	1.4	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3	0.00167	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3	0.00491	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3	0.37	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3	3.07	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.342	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.3	170	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3	5	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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	Regional
R-2	906.4	06/30/2022	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	Regional
R-2	906.4	06/30/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	1.01	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	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	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3	250	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.3	117	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.349	5	—	0.109	0.239	—	pCi/L	Y	—	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-2	906.4	06/30/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.467	5	—	0.267	0.855	—	pCi/L	Y	U	UJ	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	88.3	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	11.8	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	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	Regional
R-2	906.4	06/30/2022	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	Regional
R-2	906.4	06/30/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	61.5	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0734	8	—	0.16	0.535	—	pCi/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.54	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	150	1000	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0958	—	—	—	—	0.033	mg/L	Y	J	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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	Regional
R-2	906.4	06/30/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0434	—	—	—	—	0.02	mg/L	Y	J	J	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3	70	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3	1170	—	—	—	3	µg/L	Y	U	U	N3B-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2108	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.204	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.183	27.2	0.715	0.0255	0.0455	—	pCi/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00315	28.8	—	0.00833	0.0473	—	pCi/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0841	30	0.336	0.0172	0.0523	—	pCi/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	7.77	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Xylene[1,2-]	95-47-6	N	0.333	193	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	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-2022-2111	CAPU-22-253061	GELC	Regional
R-2	906.4	06/30/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	36.2	10000	—	—	—	3.3	µg/L	Y	—	J+	N3B-2022-2111	CAPU-22-253062	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.3	535	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.298	535	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.298	—	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	4.4	14100	—	—	—	1.74	µg/L	Y	J	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Acetone	67-64-1	N	5.98	14100	—	—	—	1.74	µg/L	Y	B	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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	Regional
R-24	825.0	06/17/2022	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	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	109	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	110	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	FD	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	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	Regional
R-24	825.0	06/17/2022	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	Regional
R-24	825.0	06/17/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0374	—	—	—	—	0.017	mg/L	Y	J	UJ	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.134	—	—	—	—	0.017	mg/L	Y	—	UJ	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.2	130	—	—	—	4.2	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.18	130	—	—	—	4.18	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.3	1720	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.298	1720	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	4.51	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	4.18	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3	3	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	2.98	3	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3	1.2	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	2.98	1.2	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	FD	Inorganic	SW-846:6010D	Barium	Ba	Y	47	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	46.4	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.9	0.00109	—	—	—	3.9	µg/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.88	0.00109	—	—	—	3.88	µg/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.298	0.12	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.298	0.2	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.298	0.343	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	Y	0.328	—	—	—	—	0.298	µg/L	Y	J	J	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.298	3.43	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	9.43	75000	—	—	—	6	µg/L	Y	BJ	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	10	75000	—	—	—	5.97	µg/L	Y	BJ	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3	2000	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	2.98	2000	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	FD	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3	59	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	2.98	59	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	2.98	0.137	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.298	6	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	FD	Inorganic	SW-846:6010D	Boron	B	Y	53.5	750	—	—	—	15	µg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	52.2	750	—	—	—	15	µg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	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	Regional
R-24	825.0	06/17/2022	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	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3	—	—	—	—	3	µg/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	2.98	—	—	—	—	2.98	µg/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.3	160	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.298	160	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	FD	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	FD	Inorganic	SW-846:6010D	Calcium	Ca	Y	23.1	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	22.9	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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	Regional
R-24	825.0	06/17/2022	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	Regional
R-24	825.0	06/17/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	8.12	250	2.7	—	—	0.067	mg/L	Y	—	J+	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	8.1	250	2.7	—	—	0.067	mg/L	Y	—	J+	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3	1400	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	2.98	1400	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.28	3.7	—	—	—	3.28	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.41	733	—	—	—	0.41	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.408	733	—	—	—	0.408	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3	91	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	2.98	91	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.98	—	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.3	34.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.298	34.3	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	FD	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	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	Regional
R-24	825.0	06/17/2022	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	Regional
R-24	825.0	06/17/2022	F	INIT	FD	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	Y	0.318	0.0343	—	—	—	0.298	µg/L	Y	J	J	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3	7.9	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	2.98	7.9	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3	600	—	—	—	3	µg/L	N	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	2.98	600	—	—	—	2.98	µg/L	N	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3	—	—	—	—	3	µg/L	N	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	2.98	—	—	—	—	2.98	µg/L	N	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3	75	—	—	—	3	µg/L	N	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	2.98	75	—	—	—	2.98	µg/L	N	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3	1.25	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	2.98	1.25	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3	45.3	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	2.98	45.3	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.3	14800	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.298	14800	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.3	612	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.298	612	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3	354	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	2.98	354	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.3	885	—	—	—	0.3	µg/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.298	885	—	—	—	0.298	µg/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.98	1.52	—	—	—	2.98	µg/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5	38.7	—	—	—	5	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	4.97	38.7	—	—	—	4.97	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3	2.37	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	2.98	2.37	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3	0.485	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	2.98	0.485	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.3	200	—	—	—	0.3	µg/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.298	200	—	—	—	0.298	µg/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3	7	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	2.98	7	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3	4.59	—	—	—	3	µg/L	N	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	2.98	4.59	—	—	—	2.98	µg/L	N	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3	122	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	2.98	122	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.3	802	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.298	802	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.3	288	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.298	288	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.353	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.35	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.143	15	—	0.69	2.87	—	pCi/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.323	15	—	0.719	2.86	—	pCi/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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	Regional
R-24	825.0	06/17/2022	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	Regional
R-24	825.0	06/17/2022	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	73.9	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	73.3	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3	1	—	—	—	3	µg/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	2.98	1	—	—	—	2.98	µg/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3	1.39	—	—	—	3	µg/L	N	U	UJ	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	2.98	1.39	—	—	—	2.98	µg/L	N	U	UJ	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	2.98	50	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3	3.28	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	2.98	3.28	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.298	0.343	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	FD	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.5	781	—	—	—	3.5	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.48	781	—	—	—	3.48	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	FD	Inorganic	SW-846:6010D	Magnesium	Mg	Y	3.94	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	3.94	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	FD	Inorganic	SW-846:6010D	Manganese	Mn	Y	6.85	200	—	—	—	2	µg/L	Y	J	J	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	Y	6.67	200	—	—	—	2	µg/L	Y	J	J	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.95	5	—	—	—	0.5	µg/L	Y	BJ	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.8	5	—	—	—	0.5	µg/L	Y	J	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.298	11.4	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.298	35.1	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3	930	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	2.98	930	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	—	—	—	3.7	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.68	—	—	—	—	3.68	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.53	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.61	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.3	1.17	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.298	1.17	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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	Regional
R-24	825.0	06/17/2022	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	Regional
R-24	825.0	06/17/2022	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	4.76	200	2.9	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	4.96	200	2.9	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.241	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.24	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3	190	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	2.98	190	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	2.98	—	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3	38	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	2.98	38	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3	1.4	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.98	1.4	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	2.98	—	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	2.98	—	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3	0.00167	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	2.98	0.00167	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3	0.00491	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	2.98	0.00491	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.98	0.0273	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.98	0.11	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3	0.37	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	2.98	0.37	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.98	9.81	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3	3.07	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	2.98	3.07	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	2.98	1	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.268	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.265	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.3	170	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.298	170	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3	5	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Phenol	108-95-2	N	2.98	5	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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	Regional
R-24	825.0	06/17/2022	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	Regional
R-24	825.0	06/17/2022	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	Regional
R-24	825.0	06/17/2022	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	Regional
R-24	825.0	06/17/2022	F	INIT	FD	Inorganic	SW-846:6010D	Potassium	K	Y	3.22	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	3.13	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	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	Regional
R-24	825.0	06/17/2022	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	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3	250	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Prometon	1610-18-0	N	2.98	250	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.3	117	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.298	117	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Pyridine	110-86-1	N	2.98	20	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	2.09	5	—	0.38	0.55	—	pCi/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	2.03	5	—	0.34	0.488	—	pCi/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	RAD	Generic:Radium by Calculation	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	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.644	5	—	0.261	0.776	—	pCi/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.424	5	—	0.174	0.503	—	pCi/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	FD	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	54.7	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	53.8	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	FD	Inorganic	SW-846:6010D	Sodium	Na	Y	24.3	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	23.9	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	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	Regional
R-24	825.0	06/17/2022	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	Regional
R-24	825.0	06/17/2022	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	Regional
R-24	825.0	06/17/2022	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	Regional
R-24	825.0	06/17/2022	F	INIT	FD	Inorganic	SW-846:6010D	Strontium	Sr	Y	123	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	121	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.121	8	—	0.146	0.496	—	pCi/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.391	8	—	0.159	0.491	—	pCi/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.19	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.16	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	2.98	20	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.98	1.66	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250877	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.98	240	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	FD	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	169	1000	161	—	—	3.4	mg/L	Y	—	J	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	173	1000	161	—	—	3.4	mg/L	Y	—	J	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0765	—	—	—	—	0.033	mg/L	Y	J	J+	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.104	—	—	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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	Regional
R-24	825.0	06/17/2022	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	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3	70	—	—	—	3	µg/L	N	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	2.98	70	—	—	—	2.98	µg/L	N	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3	1170	—	—	—	3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	2.98	1170	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	2.98	11.9	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	1.56	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.62	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.902	27.2	0.715	0.0787	0.0686	—	pCi/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.774	27.2	0.715	0.0725	0.0712	—	pCi/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.038	28.8	—	0.0152	0.0713	—	pCi/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0444	28.8	—	0.0193	0.0741	—	pCi/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.519	30	0.336	0.0545	0.0788	—	pCi/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.471	30	0.336	0.0526	0.0819	—	pCi/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	FD	Inorganic	SW-846:6010D	Vanadium	V	Y	13.7	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-24	825.0	06/17/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	13.6	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	UF	INIT	FD	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC	Regional
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250877	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	FD	Inorganic	SW-846:6010D	Zinc	Zn	Y	17.1	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-1759	CAPU-22-250878	GELC	Regional
R-24	825.0	06/17/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	16.3	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-1759	CAPU-22-250845	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.3	535	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.296	535	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.296	—	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	2.72	14100	—	—	—	1.74	µg/L	Y	J	J	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Acetone	67-64-1	Y	2.9	14100	—	—	—	1.74	µg/L	Y	J	J	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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	Regional
R-3	974.5	06/22/2022	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	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	4	—	—	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	4.8	—	—	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80.4	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.6	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	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	Regional
R-3	974.5	06/22/2022	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	Regional
R-3	974.5	06/22/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0198	—	—	—	—	0.017	mg/L	Y	J	U	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0811	—	—	—	—	0.017	mg/L	Y	—	U	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.2	130	—	—	—	4.2	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.15	130	—	—	—	4.15	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.3	1720	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.296	1720	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.95	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	3.06	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3	3	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	2.96	3	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3	1.2	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	2.96	1.2	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	43.7	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	Inorganic	SW-846:6010D	Barium	Ba	Y	43.4	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.9	0.00109	—	—	—	3.9	µg/L	Y	U	UJ	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.85	0.00109	—	—	—	3.85	µg/L	Y	U	UJ	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.296	0.12	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.296	0.2	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.296	0.343	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.296	—	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.296	3.43	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	6	75000	—	—	—	6	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	5.92	75000	—	—	—	5.92	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3	2000	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	2.96	2000	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3	59	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	2.96	59	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	2.96	0.137	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.296	6	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	18.8	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	Inorganic	SW-846:6010D	Boron	B	Y	20.4	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	2.96	—	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.3	160	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.296	160	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	16.9	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	Inorganic	SW-846:6010D	Calcium	Ca	Y	16.7	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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	Regional
R-3	974.5	06/22/2022	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	Regional
R-3	974.5	06/22/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.33	250	2.7	—	—	0.067	mg/L	Y	—	J+	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.28	250	2.7	—	—	0.067	mg/L	Y	—	J+	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3	1400	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	2.96	1400	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.26	3.7	—	—	—	3.26	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.41	733	—	—	—	0.41	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.405	733	—	—	—	0.405	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3	91	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	2.96	91	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.96	—	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.3	34.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.296	34.3	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	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	Regional
R-3	974.5	06/22/2022	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	Regional
R-3	974.5	06/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.296	0.0343	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3	7.9	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	2.96	7.9	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3	600	—	—	—	3	µg/L	N	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	2.96	600	—	—	—	2.96	µg/L	N	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3	—	—	—	—	3	µg/L	N	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	2.96	—	—	—	—	2.96	µg/L	N	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3	75	—	—	—	3	µg/L	N	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	2.96	75	—	—	—	2.96	µg/L	N	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3	1.25	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	2.96	1.25	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3	45.3	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	2.96	45.3	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.3	14800	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.296	14800	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.3	612	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.296	612	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3	354	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	2.96	354	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.296	885	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.96	1.52	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5	38.7	—	—	—	5	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	4.94	38.7	—	—	—	4.94	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3	2.37	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	2.96	2.37	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3	0.485	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	2.96	0.485	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.296	200	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3	7	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	2.96	7	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3	4.59	—	—	—	3	µg/L	N	U	UJ	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	2.96	4.59	—	—	—	2.96	µg/L	N	U	UJ	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3	122	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	2.96	122	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.3	802	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.296	802	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.3	288	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.296	288	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.422	1.6	0.377	—	—	0.033	mg/L	Y	—	J+	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.415	1.6	0.377	—	—	0.033	mg/L	Y	—	J+	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.312	15	—	0.787	2.97	—	pCi/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.223	15	—	0.728	2.93	—	pCi/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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	Regional
R-3	974.5	06/22/2022	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	Regional
R-3	974.5	06/22/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	59.4	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	58.5	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	2.96	1	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3	1.39	—	—	—	3	µg/L	N	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	2.96	1.39	—	—	—	2.96	µg/L	N	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	2.96	50	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3	3.28	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	2.96	3.28	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.296	0.343	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.5	781	—	—	—	3.5	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.45	781	—	—	—	3.45	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	4.2	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	Inorganic	SW-846:6010D	Magnesium	Mg	Y	4.09	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	1.68	5	—	—	—	0.5	µg/L	Y	J	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	1.59	5	—	—	—	0.5	µg/L	Y	J	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.296	11.4	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.296	35.1	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3	930	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	2.96	930	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	—	—	—	3.7	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.65	—	—	—	—	3.65	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.17	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.16	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.3	1.17	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.296	1.17	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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	Regional
R-3	974.5	06/22/2022	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	Regional
R-3	974.5	06/22/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.565	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.579	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3	190	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	2.96	190	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	2.96	—	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3	38	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	2.96	38	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3	1.4	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.96	1.4	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	2.96	—	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	2.96	—	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3	0.00167	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	2.96	0.00167	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3	0.00491	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	2.96	0.00491	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.96	0.0273	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.96	0.11	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3	0.37	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	2.96	0.37	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.96	9.81	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3	3.07	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	2.96	3.07	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	2.96	1	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.532	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.524	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.3	170	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.296	170	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3	5	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Phenol	108-95-2	N	2.96	5	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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	Regional
R-3	974.5	06/22/2022	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	Regional
R-3	974.5	06/22/2022	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	Regional
R-3	974.5	06/22/2022	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	Regional
R-3	974.5	06/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	2.14	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	Inorganic	SW-846:6010D	Potassium	K	Y	2.16	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	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	Regional
R-3	974.5	06/22/2022	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	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3	250	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Prometon	1610-18-0	N	2.96	250	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.3	117	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.296	117	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Pyridine	110-86-1	N	2.96	20	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.31	5	—	0.101	0.212	—	pCi/L	Y	—	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.932	5	—	0.186	0.204	—	pCi/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	RAD	Generic: Radium by Calculation	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	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	RAD	Generic: Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	2.25	—	—	0.378	—	—	pCi/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.624	5	—	0.29	0.896	—	pCi/L	Y	U	UJ	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	Y	1.31	5	—	0.328	0.796	—	pCi/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	61.6	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	60.9	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	11.3	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	Inorganic	SW-846:6010D	Sodium	Na	Y	11.3	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	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	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-3	974.5	06/22/2022	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	Regional
R-3	974.5	06/22/2022	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	Regional
R-3	974.5	06/22/2022	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	Regional
R-3	974.5	06/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	105	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	Inorganic	SW-846:6010D	Strontium	Sr	Y	105	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.349	8	—	0.156	0.493	—	pCi/L	Y	U	UJ	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.442	8	—	0.161	0.486	—	pCi/L	Y	U	UJ	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.01	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	2.96	20	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.96	1.66	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.96	240	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	149	1000	161	—	—	3.4	mg/L	Y	—	J	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	156	1000	161	—	—	3.4	mg/L	Y	—	J	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0405	—	—	—	—	0.033	mg/L	Y	J	J	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0259	—	—	—	—	0.02	mg/L	Y	J	J	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3	70	—	—	—	3	µg/L	N	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	2.96	70	—	—	—	2.96	µg/L	N	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3	1170	—	—	—	3	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	2.96	1170	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	2.96	11.9	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.79	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.819	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.576	27.2	0.715	0.0526	0.0546	—	pCi/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.51	27.2	0.715	0.0491	0.0544	—	pCi/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0227	28.8	—	0.0131	0.0568	—	pCi/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0113	28.8	—	0.0113	0.0566	—	pCi/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.281	30	0.336	0.0343	0.0627	—	pCi/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.302	30	0.336	0.0354	0.0625	—	pCi/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	11.9	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	Inorganic	SW-846:6010D	Vanadium	V	Y	11.6	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250848	GELC	Regional
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250880	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	3.43	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-1882	CAPU-22-250849	GELC	Regional
R-3	974.5	06/22/2022	F	INIT	FD	Inorganic	SW-846:6010D	Zinc	Zn	Y	3.73	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-1882	CAPU-22-250881	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	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-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	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-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.298	535	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.3	535	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.291	535	—	—	—	0.291	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.298	—	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.291	—	—	—	—	0.291	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	2.55	14100	—	—	—	1.74	µg/L	Y	J	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Acetone	67-64-1	N	2.48	14100	—	—	—	1.74	µg/L	Y	J	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	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	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-31 S3	666.3	09/20/2021	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	Regional
R-31 S3	666.3	09/20/2021	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	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.6	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.3	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.7	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	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	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.08	1.9	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.08	1.9	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.08	1.9	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.08	1.9	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.08	1.9	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.08	1.9	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	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	Regional
R-31 S3	666.3	09/20/2021	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	Regional
R-31 S3	666.3	09/20/2021	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	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.18	130	—	—	—	4.18	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.07	130	—	—	—	4.07	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.2	130	—	—	—	4.2	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.298	1720	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.3	1720	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.291	1720	—	—	—	0.291	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2.44	10	—	—	—	2	µg/L	Y	J	U	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	10	—	—	—	2	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	N	2	10	—	—	—	2	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	2.98	3	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3	3	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	2.91	3	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	2.98	1.2	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	3	1.2	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	2.91	1.2	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	39.8	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	38.3	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	38.2	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.88	0.00109	—	—	—	3.88	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.9	0.00109	—	—	—	3.9	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.78	0.00109	—	—	—	3.78	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.298	0.12	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.3	0.12	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.291	0.12	—	—	—	0.291	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.298	0.2	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.3	0.2	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.291	0.2	—	—	—	0.291	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.298	0.343	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.3	0.343	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.291	0.343	—	—	—	0.291	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.298	—	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.291	—	—	—	—	0.291	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.298	3.43	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.3	3.43	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.291	3.43	—	—	—	0.291	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	5.97	75000	—	—	—	5.97	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	5.82	75000	—	—	—	5.82	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6	75000	—	—	—	6	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	2.98	2000	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	2.91	2000	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3	2000	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	Inorganic	SW-846:6010C	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	2.98	59	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	2.91	59	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3	59	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	2.98	0.137	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	2.91	0.137	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3	0.137	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.298	6	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.3	6	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.291	6	—	—	—	0.291	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	15.9	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	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	Regional
R-31 S3	666.3	09/20/2021	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	Regional
R-31 S3	666.3	09/20/2021	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	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	2.98	—	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	2.91	—	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.298	160	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.3	160	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.291	160	—	—	—	0.291	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	9.91	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	9.52	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	9.54	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	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	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.9	250	2.7	—	—	0.067	mg/L	Y	—	J+	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.82	250	2.7	—	—	0.067	mg/L	Y	—	J+	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.82	250	2.7	—	—	0.067	mg/L	Y	—	J+	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	2.98	1400	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	2.91	1400	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3	1400	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.28	3.7	—	—	—	3.28	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.2	3.7	—	—	—	3.2	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.3	3.7	—	—	—	3.3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.408	733	—	—	—	0.408	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.398	733	—	—	—	0.398	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.41	733	—	—	—	0.41	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	2.98	91	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	2.91	91	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3	91	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.98	—	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.91	—	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.298	34.3	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.3	34.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.291	34.3	—	—	—	0.291	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	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	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.298	0.0343	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.3	0.0343	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.291	0.0343	—	—	—	0.291	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	2.98	7.9	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3	7.9	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	2.91	7.9	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	2.98	600	—	—	—	2.98	µg/L	N	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	2.91	600	—	—	—	2.91	µg/L	N	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3	600	—	—	—	3	µg/L	N	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	2.98	—	—	—	—	2.98	µg/L	N	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	2.91	—	—	—	—	2.91	µg/L	N	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3	—	—	—	—	3	µg/L	N	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	2.98	75	—	—	—	2.98	µg/L	N	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	2.91	75	—	—	—	2.91	µg/L	N	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3	75	—	—	—	3	µg/L	N	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	2.98	1.25	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3	1.25	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	2.91	1.25	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	2.98	45.3	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	2.91	45.3	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3	45.3	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.298	14800	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.3	14800	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.291	14800	—	—	—	0.291	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.298	612	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.291	612	—	—	—	0.291	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.3	612	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	2.98	354	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	2.91	354	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3	354	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.298	885	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.77	885	—	—	—	0.3	µg/L	Y	BJ	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.582	885	—	—	—	0.291	µg/L	Y	BJ	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.98	1.52	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3	1.52	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.91	1.52	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.08	2	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.08	2	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.08	2	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	4.97	38.7	—	—	—	4.97	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5	38.7	—	—	—	5	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	4.85	38.7	—	—	—	4.85	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	2.98	2.37	—	—	—	2.98	µg/L	N	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.08	2.37	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3	2.37	—	—	—	3	µg/L	N	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	2.91	2.37	—	—	—	2.91	µg/L	N	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.08	2.37	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.08	2.37	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	2.98	0.485	—	—	—	2.98	µg/L	N	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.08	0.485	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3	0.485	—	—	—	3	µg/L	N	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	2.91	0.485	—	—	—	2.91	µg/L	N	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-31 S3	666.3	09/20/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.08	0.485	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.08	0.485	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.656	200	—	—	—	0.298	µg/L	Y	BJ	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.3	200	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.291	200	—	—	—	0.291	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	2.98	7	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3	7	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	2.91	7	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	2.98	4.59	—	—	—	2.98	µg/L	N	U	UJ	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3	4.59	—	—	—	3	µg/L	N	U	UJ	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	4.59	—	—	—	16.7	µg/L	N	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	2.91	4.59	—	—	—	2.91	µg/L	N	U	UJ	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	4.59	—	—	—	16.7	µg/L	N	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	2.98	122	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3	122	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	2.91	122	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.298	802	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.3	802	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.291	802	—	—	—	0.291	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.298	288	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.3	288	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.291	288	—	—	—	0.291	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.379	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.518	1.6	0.377	—	—	0.033	mg/L	Y	—	J-	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.514	1.6	0.377	—	—	0.033	mg/L	Y	—	J-	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.838	15	—	0.601	2.02	—	pCi/L	Y	U	UJ	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	02/08/2022	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	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	37.2	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	35	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	35.2	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	2.98	1	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	2.91	1	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	2.98	1.39	—	—	—	2.98	µg/L	N	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	2.91	1.39	—	—	—	2.91	µg/L	N	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3	1.39	—	—	—	3	µg/L	N	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	2.98	50	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	2.91	50	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	2.98	3.28	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	2.91	3.28	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3	3.28	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.08	1000	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.08	1000	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.08	1000	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.298	0.343	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.3	0.343	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.291	0.343	—	—	—	0.291	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	Y	761	1000	—	—	—	30	µg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	493	1000	—	—	—	30	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	Y	525	1000	—	—	—	30	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.48	781	—	—	—	3.48	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.39	781	—	—	—	3.39	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.5	781	—	—	—	3.5	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	3.02	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.72	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.75	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	Y	94.4	200	—	—	—	2	µg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	87.5	200	—	—	—	2	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	Y	88.7	200	—	—	—	2	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	1.78	5	—	—	—	0.5	µg/L	Y	J	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.298	11.4	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.291	11.4	—	—	—	0.291	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.3	11.4	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.298	35.1	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.291	35.1	—	—	—	0.291	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.3	35.1	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	2.98	930	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	2.91	930	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3	930	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.68	—	—	—	—	3.68	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.59	—	—	—	—	3.59	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	—	—	—	3.7	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.79	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.56	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.66	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.298	1.17	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.291	1.17	—	—	—	0.291	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.3	1.17	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	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	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.26	200	2.9	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.81	200	2.9	—	—	0.6	µg/L	Y	J	J	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.96	200	2.9	—	—	0.6	µg/L	Y	J	J	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.427	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.434	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.446	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	2.98	190	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	2.91	190	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3	190	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	2.98	—	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	2.91	—	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	2.98	38	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3	38	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	2.91	38	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.98	1.4	—	—	—	2.98	µg/L	N	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.08	1.4	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	2.91	1.4	—	—	—	2.91	µg/L	N	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3	1.4	—	—	—	3	µg/L	N	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.08	1.4	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.08	1.4	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	2.98	—	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	2.91	—	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	2.98	—	—	—	—	2.98	µg/L	Y	U	R	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	2.91	—	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	2.98	0.00167	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3	0.00167	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	2.91	0.00167	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	2.98	0.00491	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	2.91	0.00491	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3	0.00491	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.98	0.0273	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3	0.0273	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.91	0.0273	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.98	0.11	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.91	0.11	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3	0.11	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	2.98	0.37	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3	0.37	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	2.91	0.37	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.082	3.14	—	—	—	0.082	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.082	3.14	—	—	—	0.082	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.082	3.14	—	—	—	0.082	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.08	1.74	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.08	1.74	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.08	1.74	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	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-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.98	9.81	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3	9.81	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.91	9.81	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	2.98	3.07	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3	3.07	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	2.91	3.07	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	2.98	1	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	2.91	1	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.25	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.257	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.248	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.602	401	—	—	—	0.602	ng/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.729	60	—	—	—	0.729	ng/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.729	60	—	—	—	0.729	ng/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.1	170	—	—	—	0.1	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.298	170	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.3	170	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.291	170	—	—	—	0.291	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	2.98	5	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Phenol	108-95-2	N	2.91	5	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3	5	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-31 S3	666.3	02/08/2022	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	Regional
R-31 S3	666.3	02/08/2022	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	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	1.85	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.67	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.73	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	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	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	2.98	250	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3	250	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Prometon	1610-18-0	N	2.91	250	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.298	117	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.3	117	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.291	117	—	—	—	0.291	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	2.98	20	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Pyridine	110-86-1	N	2.91	20	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.383	5	—	0.132	0.266	—	pCi/L	Y	—	NQ	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	RAD	Generic: Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.737	—	—	0.209	—	—	pCi/L	Y	—	NQ	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.354	5	—	0.162	0.488	—	pCi/L	Y	U	UJ	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.08	9.66	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.08	9.66	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.08	9.66	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2	50	—	—	—	2	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	2	50	—	—	—	2	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	66	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	64	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.1	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	11.4	—	16	—	—	0.1	mg/L	Y	N	J-	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.3	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	10.5	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	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	Regional
R-31 S3	666.3	02/08/2022	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	Regional
R-31 S3	666.3	09/20/2021	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	Regional
R-31 S3	666.3	09/20/2021	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	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	50.8	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	44.5	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	45	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.2	8	—	0.0774	0.244	—	pCi/L	Y	U	UJ	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.12	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.09	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.08	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	2.98	20	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	2.91	20	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.98	1.66	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3	1.66	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.91	1.66	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.98	240	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3	240	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.91	240	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.08	39.4	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.08	39.4	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.08	39.4	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	5.57	12000	—	—	—	2.5	µg/L	Y	J	U	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	8.32	12000	—	—	—	2.5	µg/L	Y	J	U	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	130	1000	161	—	—	3.4	mg/L	Y	—	J+	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	143	1000	161	—	—	3.4	mg/L	Y	—	J+	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	143	1000	161	—	—	3.4	mg/L	Y	—	J+	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	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	Regional
R-31 S3	666.3	09/20/2021	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	Regional
R-31 S3	666.3	09/20/2021	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	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.405	—	—	—	—	0.33	mg/L	Y	J	J	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	N	0	—	—	—	—	—	ng/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.025	—	—	—	—	0.02	mg/L	Y	J	U	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0425	—	—	—	—	0.02	mg/L	Y	J	U	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	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	UJ	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	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	UJ	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234439	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	2.98	70	—	—	—	2.98	µg/L	N	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	2.91	70	—	—	—	2.91	µg/L	N	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3	70	—	—	—	3	µg/L	N	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	2.98	1170	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	2.91	1170	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3	1170	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	2.98	11.9	—	—	—	2.98	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	2.91	11.9	—	—	—	2.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3	11.9	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.08	590	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.08	590	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.08	590	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.08	9.8	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.08	9.8	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.08	9.8	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	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-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.344	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.354	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.364	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.261	27.2	0.715	0.0286	0.0496	—	pCi/L	Y	—	NQ	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00826	28.8	—	0.00729	0.032	—	pCi/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.151	30	0.336	0.0212	0.0424	—	pCi/L	Y	—	NQ	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	3.06	63.1	11.4	—	—	1	µg/L	Y	J	J	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.57	63.1	11.4	—	—	1	µg/L	Y	J	J	N3B-2021-2677	CAAN-21-234438	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-31 S3	666.3	09/20/2021	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	2.51	63.1	11.4	—	—	1	µg/L	Y	J	J	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	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-2022-904	CAAN-22-239735	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234437	GELC	Regional
R-31 S3	666.3	09/20/2021	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-2021-2677	CAAN-21-234439	GELC	Regional
R-31 S3	666.3	02/08/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	31.2	10000	—	—	—	3.3	µg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	33.3	10000	—	—	—	3.3	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC	Regional
R-31 S3	666.3	09/20/2021	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	Y	29.9	10000	—	—	—	3.3	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.496	—	—	—	—	0.496	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.496	—	—	—	—	0.496	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.298	—	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.299	—	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.293	535	—	—	—	0.293	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.295	535	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.294	535	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.293	—	—	—	—	0.293	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.295	—	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.294	—	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Acetone	67-64-1	Y	2.69	14100	—	—	—	1.74	µg/L	Y	J	J	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	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	Regional
R-31 S4	826.6	02/09/2022	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	Regional
R-31 S4	826.6	09/20/2021	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	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-31 S4	826.6	02/09/2022	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.4	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.3	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	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	Regional
R-31 S4	826.6	02/09/2022	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	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0793	1.9	—	—	—	0.0793	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.08	1.9	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0793	1.9	—	—	—	0.0793	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.08	1.9	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0792	—	—	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.035	—	—	—	—	0.017	mg/L	Y	J	J	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0173	—	—	—	—	0.017	mg/L	Y	J	U	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.1	130	—	—	—	4.1	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.13	130	—	—	—	4.13	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.12	130	—	—	—	4.12	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.293	1720	—	—	—	0.293	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.295	1720	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.294	1720	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1016	12674-11-2	N	0.033	0.5	—	—	—	0.033	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	PESTPCB	SW-846:8082A	Aroclor-1016	12674-11-2	N	0.033	0.5	—	—	—	0.033	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1221	11104-28-2	N	0.033	0.5	—	—	—	0.033	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	PESTPCB	SW-846:8082A	Aroclor-1221	11104-28-2	N	0.033	0.5	—	—	—	0.033	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1232	11141-16-5	N	0.033	0.5	—	—	—	0.033	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	PESTPCB	SW-846:8082A	Aroclor-1232	11141-16-5	N	0.033	0.5	—	—	—	0.033	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1242	53469-21-9	N	0.033	0.5	—	—	—	0.033	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	PESTPCB	SW-846:8082A	Aroclor-1242	53469-21-9	N	0.033	0.5	—	—	—	0.033	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1248	12672-29-6	N	0.033	0.5	—	—	—	0.033	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	PESTPCB	SW-846:8082A	Aroclor-1248	12672-29-6	N	0.033	0.5	—	—	—	0.033	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1254	11097-69-1	N	0.033	0.5	—	—	—	0.033	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	PESTPCB	SW-846:8082A	Aroclor-1254	11097-69-1	N	0.033	0.5	—	—	—	0.033	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1260	11096-82-5	N	0.033	0.5	—	—	—	0.033	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	PESTPCB	SW-846:8082A	Aroclor-1260	11096-82-5	N	0.033	0.5	—	—	—	0.033	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1262	37324-23-5	N	0.033	0.5	—	—	—	0.033	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	PESTPCB	SW-846:8082A	Aroclor-1262	37324-23-5	N	0.033	0.5	—	—	—	0.033	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	2.05	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	10	—	—	—	2	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.03	10	—	—	—	2	µg/L	Y	J	J	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	2.93	3	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	2.95	3	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	2.94	3	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	2.93	1.2	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	2.95	1.2	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Azobenzene	103-33-3	N	2.94	1.2	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	Inorganic	SW-846:6010D	Barium	Ba	Y	37.7	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	37.2	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-31 S4	826.6	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	33.7	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.8	0.00109	—	—	—	3.8	µg/L	Y	U	R	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.84	0.00109	—	—	—	3.84	µg/L	Y	U	R	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.83	0.00109	—	—	—	3.83	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.293	0.12	—	—	—	0.293	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.295	0.12	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.294	0.12	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.293	0.2	—	—	—	0.293	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.295	0.2	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.294	0.2	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.293	0.343	—	—	—	0.293	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.295	0.343	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.294	0.343	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.293	—	—	—	—	0.293	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.295	—	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.294	—	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.293	3.43	—	—	—	0.293	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.295	3.43	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.294	3.43	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	Y	9.29	75000	—	—	—	5.85	µg/L	Y	J	J	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	Y	10.3	75000	—	—	—	5.9	µg/L	Y	J	J	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	16	75000	—	—	—	5.89	µg/L	Y	J	J	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	2.93	2000	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	2.95	2000	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	2.94	2000	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	2.93	59	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	2.95	59	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	2.94	59	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	2.93	0.137	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	2.95	0.137	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	2.94	0.137	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.293	6	—	—	—	0.293	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.295	6	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.294	6	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	Inorganic	SW-846:6010D	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	09/20/2021	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-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	2.93	—	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	2.95	—	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	2.94	—	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.293	160	—	—	—	0.293	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.295	160	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.294	160	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	Inorganic	SW-846:6010D	Calcium	Ca	Y	9.52	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	9.43	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	8.57	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	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	Regional
R-31 S4	826.6	02/09/2022	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	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.76	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.73	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.63	250	2.7	—	—	0.067	mg/L	Y	—	J+	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	2.93	1400	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	2.95	1400	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	2.94	1400	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.22	3.7	—	—	—	3.22	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.25	3.7	—	—	—	3.25	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.24	3.7	—	—	—	3.24	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.4	733	—	—	—	0.4	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.403	733	—	—	—	0.403	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.402	733	—	—	—	0.402	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	2.93	91	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	2.95	91	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	2.94	91	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.93	—	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.95	—	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.94	—	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.293	34.3	—	—	—	0.293	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.295	34.3	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.294	34.3	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	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	Regional
R-31 S4	826.6	02/09/2022	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	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.293	0.0343	—	—	—	0.293	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.295	0.0343	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.294	0.0343	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	2.93	7.9	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	2.95	7.9	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	2.94	7.9	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239773	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	2.93	600	—	—	—	2.93	µg/L	N	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	2.95	600	—	—	—	2.95	µg/L	N	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	2.94	600	—	—	—	2.94	µg/L	N	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	2.93	—	—	—	—	2.93	µg/L	N	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	2.95	—	—	—	—	2.95	µg/L	N	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	2.94	—	—	—	—	2.94	µg/L	N	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	2.93	75	—	—	—	2.93	µg/L	N	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	2.95	75	—	—	—	2.95	µg/L	N	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	2.94	75	—	—	—	2.94	µg/L	N	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	2.93	1.25	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	2.95	1.25	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	2.94	1.25	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	2.93	45.3	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	2.95	45.3	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	2.94	45.3	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239777	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.293	14800	—	—	—	0.293	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.295	14800	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.294	14800	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.293	612	—	—	—	0.293	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.295	612	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.294	612	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	2.93	354	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	2.95	354	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	2.94	354	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.312	885	—	—	—	0.293	µg/L	Y	BJ	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.443	885	—	—	—	0.295	µg/L	Y	BJ	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.373	885	—	—	—	0.294	µg/L	Y	BJ	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.93	1.52	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.95	1.52	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.94	1.52	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0793	2	—	—	—	0.0793	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0797	2	—	—	—	0.0797	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.08	2	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	4.88	38.7	—	—	—	4.88	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	4.92	38.7	—	—	—	4.92	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	4.91	38.7	—	—	—	4.91	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0793	2.37	—	—	—	0.0793	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	2.93	2.37	—	—	—	2.93	µg/L	N	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	2.95	2.37	—	—	—	2.95	µg/L	N	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.08	2.37	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	2.94	2.37	—	—	—	2.94	µg/L	N	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0793	0.485	—	—	—	0.0793	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	2.93	0.485	—	—	—	2.93	µg/L	N	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	2.95	0.485	—	—	—	2.95	µg/L	N	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-31 S4	826.6	09/20/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.08	0.485	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	2.94	0.485	—	—	—	2.94	µg/L	N	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.293	200	—	—	—	0.293	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.295	200	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.294	200	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	2.93	7	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	2.95	7	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	2.94	7	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	2.93	4.59	—	—	—	2.93	µg/L	N	U	UJ	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	2.95	4.59	—	—	—	2.95	µg/L	N	U	UJ	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	4.59	—	—	—	16.7	µg/L	N	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	2.94	4.59	—	—	—	2.94	µg/L	N	U	UJ	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	2.93	122	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	2.95	122	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	2.94	122	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.293	802	—	—	—	0.293	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.295	802	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.294	802	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.293	288	—	—	—	0.293	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.295	288	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.294	288	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.35	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.36	15	—	0.776	2.46	—	pCi/L	Y	U	UJ	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.918	15	—	0.685	2.36	—	pCi/L	Y	U	UJ	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	02/09/2022	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	Regional
R-31 S4	826.6	02/09/2022	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	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	34.6	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	34.1	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	31	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	2.93	1	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	2.95	1	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	2.94	1	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	2.93	1.39	—	—	—	2.93	µg/L	N	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	2.95	1.39	—	—	—	2.95	µg/L	N	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	2.94	1.39	—	—	—	2.94	µg/L	N	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	2.93	50	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	2.95	50	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	2.94	50	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	2.93	3.28	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	2.95	3.28	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	2.94	3.28	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0793	1000	—	—	—	0.0793	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0797	1000	—	—	—	0.0797	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.08	1000	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.295	0.343	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.294	0.343	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.41	781	—	—	—	3.41	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.44	781	—	—	—	3.44	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.44	781	—	—	—	3.44	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	Inorganic	SW-846:6010D	Magnesium	Mg	Y	2.63	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	2.57	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.33	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239773	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	1.5	5	—	—	—	0.5	µg/L	Y	J	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	1.63	5	—	—	—	0.5	µg/L	Y	J	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.293	11.4	—	—	—	0.293	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.295	11.4	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.294	11.4	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.293	35.1	—	—	—	0.293	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.295	35.1	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.294	35.1	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	2.93	930	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	2.95	930	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	2.94	930	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.61	—	—	—	—	3.61	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.64	—	—	—	—	3.64	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.63	—	—	—	—	3.63	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.23	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.22	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.13	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.293	1.17	—	—	—	0.293	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.295	1.17	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.294	1.17	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	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	Regional
R-31 S4	826.6	02/09/2022	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	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.353	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.354	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.382	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	2.93	190	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	2.95	190	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	2.94	190	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	2.93	—	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	2.95	—	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	2.94	—	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	2.93	38	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	2.95	38	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	2.94	38	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0793	1.4	—	—	—	0.0793	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0797	1.4	—	—	—	0.0797	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.93	1.4	—	—	—	2.93	µg/L	N	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.95	1.4	—	—	—	2.95	µg/L	N	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.08	1.4	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	2.94	1.4	—	—	—	2.94	µg/L	N	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	2.93	—	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	2.95	—	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	2.94	—	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	2.93	—	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	2.95	—	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	2.94	—	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	2.93	0.00167	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	2.95	0.00167	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	2.94	0.00167	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	2.93	0.00491	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	2.95	0.00491	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	2.94	0.00491	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.95	0.0273	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.94	0.0273	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.95	0.11	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.94	0.11	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	2.93	0.37	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	2.95	0.37	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	2.94	0.37	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0813	3.14	—	—	—	0.0813	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.082	3.14	—	—	—	0.082	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0793	1.74	—	—	—	0.0793	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.08	1.74	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.95	9.81	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.94	9.81	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	2.93	3.07	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	2.95	3.07	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	2.94	3.07	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	2.93	1	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	2.95	1	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	2.94	1	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.255	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.252	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.246	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.598	401	—	—	—	0.598	ng/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.571	401	—	—	—	0.571	ng/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.725	60	—	—	—	0.725	ng/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.692	60	—	—	—	0.692	ng/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.725	60	—	—	—	0.725	ng/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.692	60	—	—	—	0.692	ng/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.0992	170	—	—	—	0.0992	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.0996	170	—	—	—	0.0996	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.293	170	—	—	—	0.293	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.295	170	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.294	170	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	2.93	5	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Phenol	108-95-2	N	2.95	5	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	2.94	5	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	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	Regional
R-31 S4	826.6	02/09/2022	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	Regional
R-31 S4	826.6	02/09/2022	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	Regional
R-31 S4	826.6	02/09/2022	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	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	Inorganic	SW-846:6010D	Potassium	K	Y	3.55	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	3.53	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.28	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	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	Regional
R-31 S4	826.6	02/09/2022	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	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	2.93	250	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Prometon	1610-18-0	N	2.95	250	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	2.94	250	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.293	117	—	—	—	0.293	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.295	117	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.294	117	—	—	—	0.294	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	2.93	20	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Pyridine	110-86-1	N	2.95	20	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	2.94	20	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.52	5	—	0.18	0.415	—	pCi/L	Y	—	NQ	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.638	5	—	0.185	0.325	—	pCi/L	Y	—	NQ	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	02/09/2022	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	Regional
R-31 S4	826.6	02/09/2022	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	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.681	5	—	0.196	0.492	—	pCi/L	Y	—	NQ	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	Y	0.383	5	—	0.135	0.357	—	pCi/L	Y	—	NQ	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0793	9.66	—	—	—	0.0793	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0797	9.66	—	—	—	0.0797	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.08	9.66	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	2	50	—	—	—	2	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	83.7	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	82.8	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	79.3	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	Inorganic	SW-846:6010D	Sodium	Na	Y	11.5	—	16	—	—	0.1	mg/L	Y	—	J+	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	11.6	—	16	—	—	0.1	mg/L	Y	—	J+	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.8	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	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	Regional
R-31 S4	826.6	02/09/2022	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	Regional
R-31 S4	826.6	02/09/2022	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	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-31 S4	826.6	02/09/2022	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	Regional
R-31 S4	826.6	09/20/2021	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	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	Inorganic	SW-846:6010D	Strontium	Sr	Y	45.7	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	45.5	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	41.7	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.301	8	—	0.123	0.435	—	pCi/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.118	8	—	0.121	0.42	—	pCi/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.57	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.59	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.52	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	2.93	20	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	2.95	20	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	2.94	20	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.298	—	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.299	—	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.95	1.66	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.94	1.66	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.93	240	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.95	240	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.94	240	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0793	39.4	—	—	—	0.0793	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0797	39.4	—	—	—	0.0797	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.08	39.4	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	12000	—	—	—	2.5	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	169	1000	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	166	1000	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	157	1000	161	—	—	3.4	mg/L	Y	—	J+	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	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	Regional
R-31 S4	826.6	02/09/2022	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	Regional
R-31 S4	826.6	09/20/2021	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	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-31 S4	826.6	02/09/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	N	0	—	—	—	—	—	ng/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	N	0	—	—	—	—	—	ng/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	02/09/2022	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	Regional
R-31 S4	826.6	02/09/2022	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	Regional
R-31 S4	826.6	09/20/2021	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	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	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	UJ	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	2.93	70	—	—	—	2.93	µg/L	N	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	2.95	70	—	—	—	2.95	µg/L	N	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	2.94	70	—	—	—	2.94	µg/L	N	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	2.93	1170	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	2.95	1170	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	2.94	1170	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	2.93	11.9	—	—	—	2.93	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	2.95	11.9	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	2.94	11.9	—	—	—	2.94	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0793	590	—	—	—	0.0793	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.08	590	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0793	9.8	—	—	—	0.0793	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	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-2022-915	CAAN-22-239777	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-31 S4	826.6	09/20/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.08	9.8	—	—	—	0.08	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.298	—	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.273	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.233	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.23	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.172	27.2	0.715	0.0258	0.0671	—	pCi/L	Y	—	NQ	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.219	27.2	0.715	0.0294	0.0634	—	pCi/L	Y	—	NQ	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00000000248	28.8	—	0.0118	0.0432	—	pCi/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00000000176	28.8	—	0.00994	0.0409	—	pCi/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0933	30	0.336	0.0194	0.0573	—	pCi/L	Y	—	NQ	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.114	30	0.336	0.0201	0.0541	—	pCi/L	Y	—	NQ	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	Inorganic	SW-846:6010D	Vanadium	V	Y	6.8	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	6.99	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.12	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	UF	INIT	FD	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239773	GELC	Regional
R-31 S4	826.6	02/09/2022	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-2022-915	CAAN-22-239777	GELC	Regional
R-31 S4	826.6	09/20/2021	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-2021-2677	CAAN-21-234441	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	FD	Inorganic	SW-846:6010D	Zinc	Zn	Y	3.31	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-915	CAAN-22-239776	GELC	Regional
R-31 S4	826.6	02/09/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	N	3.3	10000	—	—	—	3.3	µg/L	Y	U	U	N3B-2022-915	CAAN-22-239772	GELC	Regional
R-31 S4	826.6	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.47	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2021-2677	CAAN-21-234442	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.295	535	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.295	—	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	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	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	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	Regional
R-34	883.7	11/05/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0181	—	—	—	—	0.017	mg/L	Y	J	J	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.13	130	—	—	—	4.13	µg/L	Y	U	UJ	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.295	1720	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.05	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	2.95	3	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	2.95	1.2	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	23.6	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.83	0.00109	—	—	—	3.83	µg/L	Y	U	R	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.295	0.12	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.295	0.2	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.295	0.343	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.295	—	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.295	3.43	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	5.9	75000	—	—	—	5.9	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	2.95	2000	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	2.95	59	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	2.95	0.137	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.295	6	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	18.7	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	2.95	—	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.295	160	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	15.7	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	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	Regional
R-34	883.7	11/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.55	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	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-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	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-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	2.95	1400	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.24	3.7	—	—	—	3.24	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.403	733	—	—	—	0.403	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	2.95	91	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.95	—	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.54	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.295	34.3	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	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	Regional
R-34	883.7	11/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.295	0.0343	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	2.95	7.9	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	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-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	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-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-34	883.7	11/05/2021	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-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	2.95	600	—	—	—	2.95	µg/L	N	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	2.95	—	—	—	—	2.95	µg/L	N	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	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-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	2.95	75	—	—	—	2.95	µg/L	N	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	2.95	1.25	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	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-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	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-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	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-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	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-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	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-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	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-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	2.95	45.3	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	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-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	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-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	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-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	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-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.295	14800	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.295	612	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	2.95	354	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.295	885	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.95	1.52	—	—	—	2.95	µg/L	Y	U	UJ	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	4.91	38.7	—	—	—	4.91	µg/L	Y	U	UJ	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	2.95	2.37	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	2.95	0.485	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.295	200	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	2.95	7	—	—	—	2.95	µg/L	Y	U	UJ	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	4.59	—	—	—	16.7	µg/L	N	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	2.95	4.59	—	—	—	2.95	µg/L	N	U	UJ	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	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-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	2.95	122	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.295	802	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.295	288	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.508	1.6	0.377	—	—	0.033	mg/L	Y	—	J-	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0914	15	—	0.533	2.42	—	pCi/L	Y	U	UJ	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	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	Regional
R-34	883.7	11/05/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	54.2	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	2.95	1	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	2.95	1.39	—	—	—	2.95	µg/L	N	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	2.95	50	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	2.95	3.28	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.295	0.343	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.44	781	—	—	—	3.44	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	3.61	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.108	2	—	—	—	0.067	µg/L	Y	J	U	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.104	2	—	—	—	0.067	µg/L	Y	J	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	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-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	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-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.295	11.4	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.295	35.1	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	2.95	930	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.64	—	—	—	—	3.64	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.951	1000	2.5	—	—	0.2	µg/L	Y	J	J	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.295	1.17	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	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	Regional
R-34	883.7	11/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.555	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	2.95	190	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	2.95	—	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	2.95	38	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.95	1.4	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	2.95	—	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	2.95	—	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	2.95	0.00167	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	2.95	0.00491	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.95	0.0273	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.95	0.11	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	2.95	0.37	—	—	—	2.95	µg/L	Y	U	UJ	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.95	9.81	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	2.95	3.07	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	2.95	1	—	—	—	2.95	µg/L	Y	U	UJ	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.324	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.295	170	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	2.95	5	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	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	Regional
R-34	883.7	11/05/2021	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	Regional
R-34	883.7	11/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	1.66	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	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	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	2.95	250	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.295	117	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	2.95	20	—	—	—	2.95	µg/L	Y	U	UJ	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.114	5	—	0.107	0.382	—	pCi/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	RAD	Generic: Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.417	—	—	0.221	—	—	pCi/L	Y	—	UJ	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.303	5	—	0.193	0.629	—	pCi/L	Y	U	UJ	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	69.7	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236478	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-34	883.7	11/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	10.7	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	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	Regional
R-34	883.7	11/05/2021	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	Regional
R-34	883.7	11/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	56	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.248	8	—	0.126	0.407	—	pCi/L	Y	U	UJ	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.79	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	2.95	20	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.95	1.66	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	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-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	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-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.95	240	—	—	—	2.95	µg/L	Y	U	UJ	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	147	1000	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0453	—	—	—	—	0.02	mg/L	Y	J	U	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	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-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	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-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	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-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	2.95	70	—	—	—	2.95	µg/L	N	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	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-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	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-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	2.95	1170	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	2.95	11.9	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	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-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	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-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	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-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.578	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.313	27.2	0.715	0.0327	0.0614	—	pCi/L	Y	—	NQ	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00545	28.8	—	0.00772	0.0468	—	pCi/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.108	30	0.336	0.0174	0.0583	—	pCi/L	Y	—	NQ	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	6.42	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	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-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	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-2022-324	CAMO-22-236479	GELC	Regional
R-34	883.7	11/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	N	26.3	10000	—	—	—	3.3	µg/L	Y	—	U	N3B-2022-324	CAMO-22-236478	GELC	Regional
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.29	535	—	—	—	0.29	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.29	—	—	—	—	0.29	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	3.77	14100	—	—	—	1.74	µg/L	Y	J	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	152	—	62	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	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	Intermediate
R-3i	215.2	06/27/2022	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	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.07	130	—	—	—	4.07	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.29	1720	—	—	—	0.29	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	10	—	—	—	2	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	2.9	3	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	2.9	1.2	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	98.5	2000	13.5	—	—	1	µg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.78	0.00109	—	—	—	3.78	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.29	0.12	—	—	—	0.29	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.29	0.2	—	—	—	0.29	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.29	0.343	—	—	—	0.29	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.29	—	—	—	—	0.29	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.29	3.43	—	—	—	0.29	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	5.81	75000	—	—	—	5.81	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	2.9	2000	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	2.9	59	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	2.9	0.137	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.29	6	—	—	—	0.29	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	137	750	—	—	—	15	µg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	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	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	2.9	—	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.29	160	—	—	—	0.29	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	55.3	—	10.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	47.3	250	3.11	—	—	0.67	mg/L	Y	—	J+	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	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-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	2.9	1400	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.19	3.7	—	—	—	3.19	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.397	733	—	—	—	0.397	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	2.9	91	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.9	—	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.29	34.3	—	—	—	0.29	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1.06	50	—	—	—	1	µg/L	Y	J	U	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	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	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.29	0.0343	—	—	—	0.29	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	2.9	7.9	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	2.9	600	—	—	—	2.9	µg/L	N	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	2.9	—	—	—	—	2.9	µg/L	N	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	2.9	75	—	—	—	2.9	µg/L	N	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	2.9	1.25	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	2.9	45.3	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.29	14800	—	—	—	0.29	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.29	612	—	—	—	0.29	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	2.9	354	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.29	885	—	—	—	0.29	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.9	1.52	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	4.84	38.7	—	—	—	4.84	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	2.9	2.37	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	2.9	0.485	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.29	200	—	—	—	0.29	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	2.9	7	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	1.46	4.59	—	—	—	0.1	µg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	2.9	4.59	—	—	—	2.9	µg/L	N	U	UJ	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	2.9	122	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.29	802	—	—	—	0.29	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.29	288	—	—	—	0.29	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	Y	6.68	15	—	1.6	2.91	—	pCi/L	Y	—	J	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	203	—	37.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	2.9	1	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	2.9	1.39	—	—	—	2.9	µg/L	N	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	2.9	50	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	2.9	3.28	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.29	0.343	—	—	—	0.29	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.39	781	—	—	—	3.39	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	15.8	—	3.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.71	5	—	—	—	0.5	µg/L	Y	J	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.29	11.4	—	—	—	0.29	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.29	35.1	—	—	—	0.29	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	2.9	930	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.58	—	—	—	—	3.58	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.889	1000	2.9	—	—	0.2	µg/L	Y	J	J	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.29	1.17	—	—	—	0.29	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	7.06	200	3.65	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.68	10	0.459	—	—	0.085	mg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	2.9	190	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	2.9	—	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	2.9	38	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.9	1.4	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	2.9	—	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	2.9	—	—	—	—	2.9	µg/L	Y	U	UJ	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	2.9	0.00167	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	2.9	0.00491	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.9	0.0273	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.9	0.11	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	2.9	0.37	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.9	9.81	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	2.9	3.07	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	2.9	1	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	1.57	13.8	0.27	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	18.7	401	—	—	—	0.633	ng/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	21.5	60	—	—	—	0.768	ng/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	46.2	60	—	—	—	0.768	ng/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.29	170	—	—	—	0.29	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	2.9	5	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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	Intermediate
R-3i	215.2	06/27/2022	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	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	5.8	—	2.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	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	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	2.9	250	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.29	117	—	—	—	0.29	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	2.9	20	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	1.4	5	—	0.276	0.447	—	pCi/L	Y	—	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	RAD	Generic: Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	2.1	—	—	0.355	—	—	pCi/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.707	5	—	0.223	0.599	—	pCi/L	Y	—	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	47.3	—	75	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	19.2	—	18.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	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	Intermediate
R-3i	215.2	06/27/2022	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	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	281	11800	59.6	—	—	1	µg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.17	8	—	0.145	0.486	—	pCi/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	30.3	600	7.1	—	—	1.33	mg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	2.9	20	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.9	1.66	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.9	240	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	330	1000	—	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.166	—	—	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	Y	86.4	—	—	—	—	—	ng/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.031	—	—	—	—	0.02	mg/L	Y	J	J	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	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-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	2.9	70	—	—	—	2.9	µg/L	N	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	2.9	1170	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	2.9	11.9	—	—	—	2.9	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	7.91	30	0.992	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0314	27.2	0.477	0.0245	0.0889	—	pCi/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00616	28.8	—	0.0138	0.0925	—	pCi/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0199	30	0.201	0.0234	0.102	—	pCi/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	2.82	63.1	9.29	—	—	1	µg/L	Y	J	J	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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-2022-1981	CAPU-22-250832	GELC	Intermediate
R-3i	215.2	06/27/2022	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-2022-1981	CAPU-22-250832	GELC	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-3i	215.2	06/27/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	12.4	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-1981	CAPU-22-250833	GELC	Intermediate
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.3	535	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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	Regional
R-4	792.9	06/28/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.4	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	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	Regional
R-4	792.9	06/28/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0318	—	—	—	—	0.017	mg/L	Y	J	J	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.2	130	—	—	—	4.2	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.3	1720	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.46	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3	3	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3	1.2	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	35.4	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.9	0.00109	—	—	—	3.9	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	Y	14.4	75000	—	—	—	6	µg/L	Y	J	J	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3	2000	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3	59	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	25.6	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.3	160	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	18.5	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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	Regional
R-4	792.9	06/28/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.47	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional

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Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3	1400	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.41	733	—	—	—	0.41	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3	91	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.04	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.3	34.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	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	Regional
R-4	792.9	06/28/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3	7.9	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3	600	—	—	—	3	µg/L	N	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3	—	—	—	—	3	µg/L	N	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3	75	—	—	—	3	µg/L	N	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3	1.25	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3	45.3	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.3	14800	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.3	612	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3	354	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5	38.7	—	—	—	5	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3	2.37	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3	0.485	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3	7	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.108	4.59	—	—	—	0.1	µg/L	Y	J	J	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3	4.59	—	—	—	3	µg/L	N	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3	122	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.3	802	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.3	288	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.726	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.641	15	—	0.598	2.21	—	pCi/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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	Regional
R-4	792.9	06/28/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	61.5	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3	1.39	—	—	—	3	µg/L	N	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3	3.28	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.5	781	—	—	—	3.5	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	3.74	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3	930	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	—	—	—	3.7	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.75	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.3	1.17	—	—	—	0.3	µg/L	N	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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	Regional
R-4	792.9	06/28/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.702	200	2.9	—	—	0.6	µg/L	Y	J	J	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.44	10	0.769	—	—	0.085	mg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3	190	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3	38	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3	1.4	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3	0.00167	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3	0.00491	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3	0.37	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3	3.07	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	2.42	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.3	170	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3	5	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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	Regional
R-4	792.9	06/28/2022	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	Regional
R-4	792.9	06/28/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	2.39	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	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	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3	250	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.3	117	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.514	5	—	0.18	0.489	—	pCi/L	Y	—	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	RAD	Generic: Radium by Calculation	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	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.196	5	—	0.192	0.744	—	pCi/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	66.5	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	10.9	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	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	Regional
R-4	792.9	06/28/2022	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	Regional
R-4	792.9	06/28/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	77.6	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.19	8	—	0.115	0.376	—	pCi/L	Y	U	UJ	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.42	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	173	1000	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.117	—	—	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3	70	—	—	—	3	µg/L	N	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3	1170	—	—	—	3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional

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Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
R-4	792.9	06/28/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.927	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0251	27.2	0.715	0.0159	0.06	—	pCi/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0166	28.8	—	0.0102	0.0624	—	pCi/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.037	30	0.336	0.0148	0.0689	—	pCi/L	Y	U	UJ	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	6.75	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	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-2022-2035	CAPU-22-250852	GELC	Regional
R-4	792.9	06/28/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	N	3.3	10000	—	—	—	3.3	µg/L	Y	U	U	N3B-2022-2035	CAPU-22-250853	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.299	535	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.299	—	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	2.12	14100	—	—	—	1.74	µg/L	Y	J	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	166	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	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	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0432	—	—	—	—	0.017	mg/L	Y	J	U	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.18	130	—	—	—	4.18	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.299	1720	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.35	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	2.99	3	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	2.99	1.2	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	120	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.88	0.00109	—	—	—	3.88	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.299	0.12	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.299	0.2	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.299	0.343	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.299	—	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.299	3.43	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	8.51	75000	—	—	—	5.97	µg/L	Y	J	UJ	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	2.99	2000	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	2.99	59	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	2.99	0.137	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.299	6	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	29.3	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	UJ	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	2.99	—	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.299	160	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	42.9	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.83	250	2.7	—	—	0.067	mg/L	Y	—	J+	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	2.99	1400	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.29	3.7	—	—	—	3.29	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.408	733	—	—	—	0.408	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	2.99	91	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.99	—	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.299	34.3	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	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	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.299	0.0343	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	2.99	7.9	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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	UJ	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	2.99	600	—	—	—	2.99	µg/L	N	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	2.99	—	—	—	—	2.99	µg/L	N	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	2.99	75	—	—	—	2.99	µg/L	N	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	2.99	1.25	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	2.99	45.3	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.299	14800	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.299	612	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	2.99	354	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.299	885	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	4.98	38.7	—	—	—	4.98	µg/L	Y	U	UJ	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	2.99	2.37	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	2.99	0.485	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.299	200	—	—	—	0.299	µg/L	Y	U	UJ	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	2.99	7	—	—	—	2.99	µg/L	Y	U	UJ	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	4.59	—	—	—	16.7	µg/L	N	U	UJ	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	2.99	4.59	—	—	—	2.99	µg/L	N	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	2.99	122	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.299	802	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.299	288	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.491	1.6	0.377	—	—	0.033	mg/L	Y	—	J-	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	4.51	15	—	1.32	2.73	—	pCi/L	Y	—	UJ	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	116	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	2.99	1	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	2.99	1.39	—	—	—	2.99	µg/L	N	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	2.99	50	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	2.99	3.28	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	Y	472	1000	—	—	—	30	µg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	UJ	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.48	781	—	—	—	3.48	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	2.23	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	Y	215	200	—	—	—	2	µg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.145	2	—	—	—	0.067	µg/L	Y	J	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.158	2	—	—	—	0.067	µg/L	Y	J	U	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.64	5	—	—	—	0.5	µg/L	Y	J	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.299	11.4	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.299	35.1	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	2.99	930	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.68	—	—	—	—	3.68	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.45	1000	2.5	—	—	0.2	µg/L	Y	—	J+	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.299	1.17	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	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-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	2.99	190	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	2.99	—	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	2.99	38	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.99	1.4	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	2.99	—	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	2.99	—	—	—	—	2.99	µg/L	Y	U	UJ	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	2.99	0.00167	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	2.99	0.00491	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	2.99	0.37	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	2.99	3.07	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	2.99	1	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.299	170	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	2.99	5	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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	Regional
Sacred Spring	—	10/12/2021	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	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	2	—	2.39	—	—	0.05	mg/L	Y	—	J+	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	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	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	2.99	250	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.299	117	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	2.99	20	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.934	5	—	0.197	0.359	—	pCi/L	Y	—	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.428	5	—	0.161	0.455	—	pCi/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	50.4	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	23.6	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	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	Regional
Sacred Spring	—	10/12/2021	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	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	435	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.438	8	—	0.149	0.456	—	pCi/L	Y	U	UJ	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.67	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	2.99	20	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.99	240	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	234	1000	161	—	—	3.4	mg/L	Y	—	J+	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0881	—	—	—	—	0.033	mg/L	Y	J	UJ	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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	Regional
Sacred Spring	—	10/12/2021	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-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	2.99	70	—	—	—	2.99	µg/L	N	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Sacred Spring	—	10/12/2021	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	2.99	1170	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	2.99	11.9	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.716	20000	—	0.893	2.955	—	pCi/L	Y	U	UJ	N3B-2022-120	CAWR-22-234631	ARSL	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.569	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.331	27.2	0.715	0.0379	0.0753	—	pCi/L	Y	—	NQ	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.011	28.8	—	0.00975	0.0589	—	pCi/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.164	30	0.336	0.0254	0.0731	—	pCi/L	Y	—	NQ	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	2.99	63.1	11.4	—	—	1	µg/L	Y	J	J	N3B-2022-64	CAWR-22-234632	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	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-2022-64	CAWR-22-234631	GELC	Regional
Sacred Spring	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	N	6.74	10000	—	—	—	3.3	µg/L	Y	J	U	N3B-2022-64	CAWR-22-234632	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.295	535	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.295	—	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	5.1	14100	—	—	—	1.74	µg/L	Y	—	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	105	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	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	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.08	1.9	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.08	1.9	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0461	—	—	—	—	0.017	mg/L	Y	J	U	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.13	130	—	—	—	4.13	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.295	1720	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1016	12674-11-2	N	0.0332	0.5	—	—	—	0.0332	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1221	11104-28-2	N	0.0332	0.5	—	—	—	0.0332	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1232	11141-16-5	N	0.0332	0.5	—	—	—	0.0332	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1242	53469-21-9	N	0.0332	0.5	—	—	—	0.0332	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1248	12672-29-6	N	0.0332	0.5	—	—	—	0.0332	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1254	11097-69-1	N	0.0332	0.5	—	—	—	0.0332	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1260	11096-82-5	N	0.0332	0.5	—	—	—	0.0332	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1262	37324-23-5	N	0.0332	0.5	—	—	—	0.0332	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	5.17	10	—	—	—	2	µg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	2.95	3	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	2.95	1.2	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	21.8	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.83	0.00109	—	—	—	3.83	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.295	0.12	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.295	0.2	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.295	0.343	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.295	—	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.295	3.43	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	5.9	75000	—	—	—	5.9	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	2.95	2000	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	2.95	59	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	2.95	0.137	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.295	6	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	38.8	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	2.95	—	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.295	160	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	15	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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	Regional
Spring 1	—	10/07/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.11	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	2.95	1400	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.24	3.7	—	—	—	3.24	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.403	733	—	—	—	0.403	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	2.95	91	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.95	—	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.23	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.295	34.3	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	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	Regional
Spring 1	—	10/07/2021	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.295	0.0343	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	2.95	7.9	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	2.95	600	—	—	—	2.95	µg/L	N	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	2.95	—	—	—	—	2.95	µg/L	N	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	2.95	75	—	—	—	2.95	µg/L	N	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	2.95	1.25	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	2.95	45.3	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.295	14800	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.295	612	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	2.95	354	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.295	885	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.95	1.52	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.08	2	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	4.92	38.7	—	—	—	4.92	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	2.95	2.37	—	—	—	2.95	µg/L	N	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.08	2.37	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	2.95	0.485	—	—	—	2.95	µg/L	N	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.08	0.485	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.295	200	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	2.95	7	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	4.59	—	—	—	0.1	µg/L	N	U	R	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	2.95	4.59	—	—	—	2.95	µg/L	Y	U	UJ	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	4.59	—	—	—	16.7	µg/L	N	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	2.95	122	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.295	802	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.295	288	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.472	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.89	15	—	0.864	2.62	—	pCi/L	Y	U	UJ	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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	Regional
Spring 1	—	10/07/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	41.4	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	2.95	1	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	2.95	1.39	—	—	—	2.95	µg/L	N	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional

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Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	2.95	50	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	2.95	3.28	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.08	1000	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.295	0.343	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.44	781	—	—	—	3.44	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	0.977	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.85	5	—	—	—	0.5	µg/L	Y	J	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.295	11.4	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.295	35.1	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	2.95	930	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.64	—	—	—	—	3.64	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.59	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.295	1.17	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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	Regional
Spring 1	—	10/07/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.423	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	2.95	190	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	2.95	—	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	2.95	38	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.95	1.4	—	—	—	2.95	µg/L	N	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.08	1.4	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	2.95	—	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	2.95	—	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	2.95	0.00167	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	2.95	0.00491	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.95	0.0273	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.95	0.11	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	2.95	0.37	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.082	3.14	—	—	—	0.082	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.08	1.74	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.95	9.81	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	2.95	3.07	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	2.95	1	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.305	13.8	0.414	—	—	0.05	µg/L	Y	H	J-	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.295	170	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	2.95	5	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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	Regional
Spring 1	—	10/07/2021	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	Regional
Spring 1	—	10/07/2021	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	2.15	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	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	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	2.95	250	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.295	117	—	—	—	0.295	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	2.95	20	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.46	5	—	0.137	0.282	—	pCi/L	Y	—	NQ	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	RAD	Generic: Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.46	—	—	0.176	—	—	pCi/L	Y	—	NQ	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0669	5	—	0.109	0.434	—	pCi/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.08	9.66	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	32.3	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	30.2	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	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	Regional
Spring 1	—	10/07/2021	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	Regional
Spring 1	—	10/07/2021	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	191	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.251	8	—	0.206	0.729	—	pCi/L	Y	U	UJ	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.86	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	2.95	20	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.95	1.66	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.95	240	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.08	39.4	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	144	1000	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	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	Regional
Spring 1	—	10/07/2021	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	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	2.95	70	—	—	—	2.95	µg/L	N	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	2.95	1170	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	2.95	11.9	—	—	—	2.95	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 1	—	10/07/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.08	590	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.08	9.8	—	—	—	0.08	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.922	20000	—	0.862	2.921	—	pCi/L	Y	U	UJ	N3B-2022-120	CAWR-22-234635	ARSL	Regional
Spring 1	—	10/07/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	2.01	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	-0.0436	27.2	0.715	0.0149	0.0737	—	pCi/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	28.8	—	0.0072	0.0576	—	pCi/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	-0.032	30	0.336	0.0113	0.0715	—	pCi/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	16.3	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	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-2022-49	CAWR-22-234635	GELC	Regional
Spring 1	—	10/07/2021	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	5.19	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-49	CAWR-22-234636	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.527	—	—	—	—	0.527	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.527	—	—	—	—	0.527	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.316	—	—	—	—	0.316	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.3	535	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	129	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	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	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0844	1.9	—	—	—	0.0844	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0844	1.9	—	—	—	0.0844	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0436	—	—	—	—	0.017	mg/L	Y	J	J+	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.2	130	—	—	—	4.2	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.3	1720	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	10	10	—	—	—	2	µg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3	3	—	—	—	3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3	1.2	—	—	—	3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	25.1	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.9	0.00109	—	—	—	3.9	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional

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Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	6	75000	—	—	—	6	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3	2000	—	—	—	3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3	59	—	—	—	3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	48.5	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.3	160	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	15.6	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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	Regional
Spring 2	—	04/20/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.84	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3	1400	—	—	—	3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.41	733	—	—	—	0.41	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3	91	—	—	—	3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.3	34.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	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	Regional
Spring 2	—	04/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3	7.9	—	—	—	3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3	600	—	—	—	3	µg/L	N	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3	—	—	—	—	3	µg/L	N	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3	75	—	—	—	3	µg/L	N	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3	1.25	—	—	—	3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3	45.3	—	—	—	3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.3	14800	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.3	612	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3	354	—	—	—	3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0844	2	—	—	—	0.0844	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5	38.7	—	—	—	5	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0844	2.37	—	—	—	0.0844	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3	2.37	—	—	—	3	µg/L	N	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0844	0.485	—	—	—	0.0844	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3	0.485	—	—	—	3	µg/L	N	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3	7	—	—	—	3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3	4.59	—	—	—	3	µg/L	N	U	UJ	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3	122	—	—	—	3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.3	802	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.3	288	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.715	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	Y	6.21	15	—	1.66	2.87	—	pCi/L	Y	—	J	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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	Regional
Spring 2	—	04/20/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	42.2	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3	1.39	—	—	—	3	µg/L	N	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3	3.28	—	—	—	3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0844	1000	—	—	—	0.0844	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	Y	54.1	1000	—	—	—	30	µg/L	Y	J	J	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.5	781	—	—	—	3.5	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	0.79	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	Y	8.14	200	—	—	—	2	µg/L	Y	J	J	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3	930	—	—	—	3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	—	—	—	3.7	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	3.64	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.3	1.17	—	—	—	0.3	µg/L	N	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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	Regional
Spring 2	—	04/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3	190	—	—	—	3	µg/L	Y	U	UJ	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3	38	—	—	—	3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0844	1.4	—	—	—	0.0844	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3	1.4	—	—	—	3	µg/L	N	U	UJ	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3	0.00167	—	—	—	3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3	0.00491	—	—	—	3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3	0.37	—	—	—	3	µg/L	Y	U	UJ	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0865	3.14	—	—	—	0.0865	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0844	1.74	—	—	—	0.0844	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.158	42.7	—	—	—	0.158	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3	3.07	—	—	—	3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.619	401	—	—	—	0.619	ng/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.75	60	—	—	—	0.75	ng/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.75	60	—	—	—	0.75	ng/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.105	170	—	—	—	0.105	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.3	170	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3	5	—	—	—	3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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	Regional

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Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 2	—	04/20/2022	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	Regional
Spring 2	—	04/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	1.86	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	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	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3	250	—	—	—	3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.3	117	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.415	5	—	0.126	0.299	—	pCi/L	Y	—	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	RAD	Generic: Radium by Calculation	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	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.596	5	—	0.235	0.697	—	pCi/L	Y	U	UJ	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0844	9.66	—	—	—	0.0844	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	26.8	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	43.9	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	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	Regional
Spring 2	—	04/20/2022	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	Regional
Spring 2	—	04/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	175	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.199	8	—	0.146	0.487	—	pCi/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	15.6	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3	20	—	—	—	3	µg/L	Y	U	UJ	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.316	—	—	—	—	0.316	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0844	39.4	—	—	—	0.0844	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	204	1000	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.197	—	—	—	—	0.033	mg/L	Y	—	J+	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	N	0	—	—	—	—	—	ng/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0719	—	—	—	—	0.02	mg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3	70	—	—	—	3	µg/L	N	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3	1170	—	—	—	3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0844	590	—	—	—	0.0844	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 2	—	04/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0844	9.8	—	—	—	0.0844	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.316	—	—	—	—	0.316	µg/L	Y	U	UJ	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	4.53	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	2.02	27.2	0.715	0.115	0.0387	—	pCi/L	Y	—	J	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.109	28.8	—	0.0178	0.0281	—	pCi/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	1.16	30	0.336	0.0727	0.0358	—	pCi/L	Y	—	J	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	40.2	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	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-2022-1353	CAWR-22-248720	GELC	Regional
Spring 2	—	04/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	N	3.3	10000	—	—	—	3.3	µg/L	Y	U	U	N3B-2022-1353	CAWR-22-248719	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	4.21	14100	—	—	—	1.74	µg/L	Y	J	J	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	85.6	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	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	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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	Regional
Spring 3	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	4	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	46	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	22.8	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	23.5	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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	Regional
Spring 3	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.94	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.89	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	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	Regional
Spring 3	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	4.59	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.287	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.126	15	—	0.624	2.64	—	pCi/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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	Regional
Spring 3	—	10/04/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	67.1	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	2.06	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234638	GELC	Regional

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Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 3	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	1.19	1000	2.5	—	—	0.2	µg/L	Y	—	U	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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	Regional
Spring 3	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	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	—	J-	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.44	13.8	0.414	—	—	0.05	µg/L	Y	H	J-	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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	Regional
Spring 3	—	10/04/2021	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	Regional
Spring 3	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	2.92	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	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	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.209	5	—	0.0999	0.289	—	pCi/L	Y	U	UJ	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.434	—	—	0.187	—	—	pCi/L	Y	—	UJ	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.226	5	—	0.158	0.521	—	pCi/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	49	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	15.5	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	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	Regional
Spring 3	—	10/04/2021	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	Regional
Spring 3	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	240	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.232	8	—	0.141	0.461	—	pCi/L	Y	U	UJ	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.07	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	149	1000	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	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	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 3	—	10/04/2021	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	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.5	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.908	27.2	0.715	0.0724	0.0741	—	pCi/L	Y	—	NQ	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0293	28.8	—	0.0132	0.0582	—	pCi/L	Y	U	UJ	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.539	30	0.336	0.0502	0.0719	—	pCi/L	Y	—	NQ	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	13.3	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	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-2022-43	CAWR-22-234637	GELC	Regional
Spring 3	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	N	5.64	10000	—	—	—	3.3	µg/L	Y	J	U	N3B-2022-43	CAWR-22-234638	GELC	Regional
Spring 3A	—	10/04/2021	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-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	2.79	14100	—	—	—	1.74	µg/L	Y	J	J	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	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	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0796	1.9	—	—	—	0.0796	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0796	1.9	—	—	—	0.0796	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.49	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	33.8	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	22.8	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	22.2	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.76	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	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-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.11	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	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	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0796	2	—	—	—	0.0796	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0796	2.37	—	—	—	0.0796	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0796	0.485	—	—	—	0.0796	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	4.59	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.265	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 3A	—	10/04/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0305	15	—	0.491	2.39	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	63.4	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0796	1000	—	—	—	0.0796	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	UJ	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	1.94	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.26	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.05	10	0.769	—	—	0.017	mg/L	Y	—	J-	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0796	1.4	—	—	—	0.0796	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0816	3.14	—	—	—	0.0816	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0796	1.74	—	—	—	0.0796	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.437	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.667	401	—	—	—	0.667	ng/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.808	60	—	—	—	0.808	ng/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.808	60	—	—	—	0.808	ng/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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	Regional
Spring 3A	—	10/04/2021	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	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	2.93	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	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	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.364	5	—	0.124	0.299	—	pCi/L	Y	—	NQ	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	RAD	Generic: Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.385	—	—	0.171	—	—	pCi/L	Y	—	NQ	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0211	5	—	0.118	0.443	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0796	9.66	—	—	—	0.0796	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	50.7	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	15	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	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	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 3A	—	10/04/2021	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	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	232	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.105	8	—	0.129	0.452	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.07	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.299	—	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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	UJ	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0796	39.4	—	—	—	0.0796	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	144	1000	161	—	—	3.4	mg/L	Y	—	J	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0732	—	—	—	—	0.033	mg/L	Y	J	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	N	0	—	—	—	—	—	ng/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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	Regional
Spring 3A	—	10/04/2021	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-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0796	590	—	—	—	0.0796	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0796	9.8	—	—	—	0.0796	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.944	20000	—	0.874	2.961	—	pCi/L	Y	U	UJ	N3B-2022-120	CAWR-22-234639	ARSL	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.37	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.754	27.2	0.715	0.0614	0.0674	—	pCi/L	Y	—	NQ	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0452	28.8	—	0.0151	0.0529	—	pCi/L	Y	U	UJ	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.405	30	0.336	0.0403	0.0654	—	pCi/L	Y	—	NQ	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	13.4	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	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-2022-42	CAWR-22-234639	GELC	Regional
Spring 3A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	4.32	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-42	CAWR-22-234640	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.503	—	—	—	—	0.503	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.503	—	—	—	—	0.503	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.302	—	—	—	—	0.302	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	3.78	14100	—	—	—	1.74	µg/L	Y	J	J	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	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	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 3AA	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.8	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	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	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	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-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	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-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	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	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.52	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	9.14	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	24.9	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	18.2	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	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	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.5	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	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-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	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-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.95	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	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	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	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-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	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-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	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-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	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-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	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-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	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-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	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-2022-41	CAWR-22-234641	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 3AA	—	10/04/2021	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-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	70	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	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-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	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-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	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-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	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-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	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-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	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-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	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-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	4.59	—	—	—	16.7	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.278	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.22	15	—	1.03	2.4	—	pCi/L	Y	—	NQ	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	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	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	46.6	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0805	1000	—	—	—	0.0805	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	0.302	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	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-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	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-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	3.05	1000	2.5	—	—	0.2	µg/L	Y	—	J+	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	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	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.439	10	0.769	—	—	0.017	mg/L	Y	—	J-	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0805	1.4	—	—	—	0.0805	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0825	3.14	—	—	—	0.0825	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0805	1.74	—	—	—	0.0805	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	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	UJ	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.413	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.565	401	—	—	—	0.565	ng/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.685	60	—	—	—	0.685	ng/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 3AA	—	10/04/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.685	60	—	—	—	0.685	ng/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	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-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	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	Regional
Spring 3AA	—	10/04/2021	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	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	2.83	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	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	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.46	5	—	0.168	0.465	—	pCi/L	Y	U	UJ	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	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	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.351	5	—	0.169	0.516	—	pCi/L	Y	U	UJ	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0805	9.66	—	—	—	0.0805	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	42.3	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	16.8	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	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	Regional
Spring 3AA	—	10/04/2021	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	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	157	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0525	8	—	0.142	0.499	—	pCi/L	Y	U	UJ	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.55	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.302	—	—	—	—	0.302	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	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	UJ	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	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-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0805	39.4	—	—	—	0.0805	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	126	1000	161	—	—	3.4	mg/L	Y	—	J	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	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	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	N	0	—	—	—	—	—	ng/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	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	Regional
Spring 3AA	—	10/04/2021	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-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	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-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	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-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	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-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	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-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	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-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	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-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	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-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	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-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.302	—	—	—	—	0.302	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.098	20000	—	0.869	2.936	—	pCi/L	Y	U	UJ	N3B-2022-120	CAWR-22-234641	ARSL	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.23	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.918	27.2	0.715	0.0727	0.0742	—	pCi/L	Y	—	NQ	N3B-2022-41	CAWR-22-234641	GELC	Regional

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Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 3AA	—	10/04/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0227	28.8	—	0.013	0.0583	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.482	30	0.336	0.0474	0.072	—	pCi/L	Y	—	NQ	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	14.2	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	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-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	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-2022-41	CAWR-22-234641	GELC	Regional
Spring 3AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	N	5.18	10000	—	—	—	3.3	µg/L	Y	J	U	N3B-2022-41	CAWR-22-234642	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.495	—	—	—	—	0.495	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.495	—	—	—	—	0.495	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.297	—	—	—	—	0.297	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	2.19	14100	—	—	—	1.74	µg/L	Y	J	J	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.4	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	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	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0793	1.9	—	—	—	0.0793	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0793	1.9	—	—	—	0.0793	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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	Regional
Spring 4	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	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-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.03	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	40.8	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	18.4	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	22.6	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 4	—	10/04/2021	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	Regional
Spring 4	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.97	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	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-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.02	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	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	Regional
Spring 4	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	70	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0793	2	—	—	—	0.0793	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0793	2.37	—	—	—	0.0793	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0793	0.485	—	—	—	0.0793	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	4.59	—	—	—	16.7	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.311	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.24	15	—	0.688	2	—	pCi/L	Y	U	UJ	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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	Regional
Spring 4	—	10/04/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	75.5	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Heptachlorodibenzodioxin[1,2,3,4,6,7,8-]	35822-46-9	N	0.00000499	—	—	—	—	0.0000182	µg/L	Y	U	U	N3B-2022-46	CAWR-22-234643	CFA	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Heptachlorodibenzodioxins (Total)	37871-00-4	N	0	—	—	—	—	0.0000182	µg/L	Y	U	U	N3B-2022-46	CAWR-22-234643	CFA	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Heptachlorodibenzofuran[1,2,3,4,6,7,8-]	67562-39-4	N	0.00000499	—	—	—	—	0.0000143	µg/L	Y	U	U	N3B-2022-46	CAWR-22-234643	CFA	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Heptachlorodibenzofuran[1,2,3,4,7,8,9-]	55673-89-7	N	0.00000499	—	—	—	—	0.0000175	µg/L	Y	U	U	N3B-2022-46	CAWR-22-234643	CFA	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Heptachlorodibenzofurans (Total)	38998-75-3	N	0	—	—	—	—	0.0000143	µg/L	Y	U	U	N3B-2022-46	CAWR-22-234643	CFA	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Hexachlorodibenzodioxin[1,2,3,4,7,8-]	39227-28-6	N	0.00000499	—	—	—	—	0.0000237	µg/L	Y	U	U	N3B-2022-46	CAWR-22-234643	CFA	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 4	—	10/04/2021	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Hexachlorodibenzodioxin[1,2,3,6,7,8-]	57653-85-7	N	0.00000499	—	—	—	—	0.0000163	µg/L	Y	U	U	N3B-2022-46	CAWR-22-234643	CFA	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Hexachlorodibenzodioxin[1,2,3,7,8,9-]	19408-74-3	N	0.00000499	—	—	—	—	0.0000204	µg/L	Y	U	U	N3B-2022-46	CAWR-22-234643	CFA	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Hexachlorodibenzodioxins (Total)	34465-46-8	N	0	0.00013	—	—	—	0.0000163	µg/L	Y	U	U	N3B-2022-46	CAWR-22-234643	CFA	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Hexachlorodibenzofuran[1,2,3,4,7,8-]	70648-26-9	N	0.00000499	—	—	—	—	0.0000198	µg/L	Y	U	U	N3B-2022-46	CAWR-22-234643	CFA	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Hexachlorodibenzofuran[1,2,3,6,7,8-]	57117-44-9	N	0.00000499	—	—	—	—	0.0000152	µg/L	Y	U	U	N3B-2022-46	CAWR-22-234643	CFA	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Hexachlorodibenzofuran[1,2,3,7,8,9-]	72918-21-9	N	0.00000499	—	—	—	—	0.0000223	µg/L	Y	U	U	N3B-2022-46	CAWR-22-234643	CFA	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Hexachlorodibenzofuran[2,3,4,6,7,8-]	60851-34-5	N	0.00000499	—	—	—	—	0.0000152	µg/L	Y	U	U	N3B-2022-46	CAWR-22-234643	CFA	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Hexachlorodibenzofurans (Total)	55684-94-1	N	0	—	—	—	—	0.0000152	µg/L	Y	U	U	N3B-2022-46	CAWR-22-234643	CFA	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0793	1000	—	—	—	0.0793	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	4.61	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	1.21	1000	2.5	—	—	0.2	µg/L	Y	—	U	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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	Regional
Spring 4	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.12	10	0.769	—	—	0.017	mg/L	Y	—	J-	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0793	1.4	—	—	—	0.0793	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0813	3.14	—	—	—	0.0813	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0793	1.74	—	—	—	0.0793	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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	UJ	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Octachlorodibenzodioxin[1,2,3,4,6,7,8,9-]	3268-87-9	N	0.00000999	—	—	—	—	0.0000333	µg/L	Y	U	U	N3B-2022-46	CAWR-22-234643	CFA	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Octachlorodibenzofuran[1,2,3,4,6,7,8,9-]	39001-02-0	N	0.00000999	—	—	—	—	0.000038	µg/L	Y	U	U	N3B-2022-46	CAWR-22-234643	CFA	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Pentachlorodibenzodioxin[1,2,3,7,8-]	40321-76-4	N	0.00000499	—	—	—	—	0.0000217	µg/L	Y	U	U	N3B-2022-46	CAWR-22-234643	CFA	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Pentachlorodibenzodioxins (Total)	36088-22-9	N	0	—	—	—	—	0.0000217	µg/L	Y	U	U	N3B-2022-46	CAWR-22-234643	CFA	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Pentachlorodibenzofuran[1,2,3,7,8-]	57117-41-6	N	0.00000499	—	—	—	—	0.0000186	µg/L	Y	U	U	N3B-2022-46	CAWR-22-234643	CFA	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Pentachlorodibenzofuran[2,3,4,7,8-]	57117-31-4	N	0.00000499	—	—	—	—	0.0000209	µg/L	Y	U	U	N3B-2022-46	CAWR-22-234643	CFA	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Pentachlorodibenzofurans (Totals)	30402-15-4	N	0	—	—	—	—	0.0000186	µg/L	Y	U	U	N3B-2022-46	CAWR-22-234643	CFA	Regional
Spring 4	—	10/04/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.581	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.0991	170	—	—	—	0.0991	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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	Regional
Spring 4	—	10/04/2021	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	Regional
Spring 4	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	2.62	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	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	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0895	5	—	0.0671	0.228	—	pCi/L	Y	U	UJ	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	RAD	Generic: Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.335	—	—	0.248	—	—	pCi/L	Y	—	UJ	N3B-2022-41	CAWR-22-234643	GELC	Regional

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Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 4	—	10/04/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.245	5	—	0.238	0.807	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0793	9.66	—	—	—	0.0793	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	54.8	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	13.7	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	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	Regional
Spring 4	—	10/04/2021	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	Regional
Spring 4	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	131	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.43	8	—	0.151	0.449	—	pCi/L	Y	U	UJ	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.83	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.297	—	—	—	—	0.297	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Tetrachlorodibenzodioxin[2,3,7,8-]	1746-01-6	N	0.00000141	0.00003	—	—	—	0.00000408	µg/L	Y	U	U	N3B-2022-46	CAWR-22-234643	CFA	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Tetrachlorodibenzodioxins (Total)	41903-57-5	N	0	—	—	—	—	0.00000408	µg/L	Y	U	U	N3B-2022-46	CAWR-22-234643	CFA	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Tetrachlorodibenzofuran[2,3,7,8-]	51207-31-9	N	0.00000166	0.00000184	—	—	—	0.00000385	µg/L	Y	U	U	N3B-2022-46	CAWR-22-234643	CFA	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	HRGC/HRMS	SW-846:8290A	Tetrachlorodibenzofurans (Totals)	55722-27-5	N	0	—	—	—	—	0.00000385	µg/L	Y	U	U	N3B-2022-46	CAWR-22-234643	CFA	Regional
Spring 4	—	10/04/2021	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	UJ	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0793	39.4	—	—	—	0.0793	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	164	1000	161	—	—	3.4	mg/L	Y	—	J	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	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	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0216	—	—	—	—	0.02	mg/L	Y	J	U	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	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-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0793	590	—	—	—	0.0793	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0793	9.8	—	—	—	0.0793	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.297	—	—	—	—	0.297	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.918	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.633	27.2	0.715	0.0612	0.0883	—	pCi/L	Y	—	NQ	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0164	28.8	—	0.0127	0.0694	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.346	30	0.336	0.042	0.0857	—	pCi/L	Y	—	NQ	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	8.89	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234644	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	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-2022-41	CAWR-22-234643	GELC	Regional
Spring 4	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	N	4.83	10000	—	—	—	3.3	µg/L	Y	J	U	N3B-2022-41	CAWR-22-234644	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 4A	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.501	—	—	—	—	0.501	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.501	—	—	—	—	0.501	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.4	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00765	—	—	0.0143	0.116	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0211	—	—	—	—	0.017	mg/L	Y	J	J	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.33	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	42.9	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	23.1	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	21.5	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.3	—	—	1.49	6.08	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.89	250	2.7	—	—	0.067	mg/L	Y	—	J+	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.71	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.448	—	—	1.82	6.77	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	4.59	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.371	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.21	15	—	0.745	2.38	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.43	—	—	0.791	2.29	—	pCi/L	Y	—	J	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	74	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	4.95	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	1.07	1000	2.5	—	—	0.2	µg/L	Y	—	U	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.821	—	—	2.09	7.97	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.2	10	0.769	—	—	0.085	mg/L	Y	—	J-	N3B-2022-40	CAWR-22-234646	GELC	Regional

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Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.594	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.603	401	—	—	—	0.603	ng/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.731	60	—	—	—	0.731	ng/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.731	60	—	—	—	0.731	ng/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0102	—	—	0.00843	0.0449	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	—	—	0.00764	0.0447	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	2.12	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-26.4	—	—	21.7	68.8	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0254	5	—	0.105	0.41	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	Generic: Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.0427	—	—	0.163	—	—	pCi/L	Y	—	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0173	5	—	0.125	0.473	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	68.6	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	12.3	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.07	—	—	1.38	5.99	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	221	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	100	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.184	8	—	0.139	0.469	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.31	600	4.59	—	—	0.133	mg/L	Y	—	J+	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	177	1000	161	—	—	3.4	mg/L	Y	—	J	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.119	—	—	—	—	0.033	mg/L	Y	—	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	N	0	—	—	—	—	—	ng/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0293	—	—	—	—	0.02	mg/L	Y	J	U	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.703	20000	—	0.855	2.901	—	pCi/L	Y	U	UJ	N3B-2022-120	CAWR-22-234645	ARSL	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.05	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.801	27.2	0.715	0.066	0.0739	—	pCi/L	Y	—	NQ	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0386	28.8	—	0.0133	0.0581	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.414	30	0.336	0.0426	0.0717	—	pCi/L	Y	—	NQ	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	5.97	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234645	GELC	Regional
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	N	5.67	10000	—	—	—	3.3	µg/L	Y	J	U	N3B-2022-40	CAWR-22-234646	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	3.82	14100	—	—	—	1.74	µg/L	Y	J	J	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83.8	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	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	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.48	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	38.2	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	21.7	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	21.1	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234648	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.26	250	2.7	—	—	0.067	mg/L	Y	—	J+	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.07	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	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	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	4.59	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.341	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.12	15	—	0.762	2.53	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	74.7	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234648	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	5.32	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	1.32	1000	2.5	—	—	0.2	µg/L	Y	—	U	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.01	10	0.769	—	—	0.085	mg/L	Y	—	J-	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.651	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.615	401	—	—	—	0.615	ng/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.746	60	—	—	—	0.746	ng/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.746	60	—	—	—	0.746	ng/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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	Regional
Spring 4AA	—	10/04/2021	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	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	1.89	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	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	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.175	5	—	0.121	0.403	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	RAD	Generic: Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.285	—	—	0.212	—	—	pCi/L	Y	—	UJ	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.11	5	—	0.174	0.615	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	66	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	12.4	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	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	Regional
Spring 4AA	—	10/04/2021	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	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	99.8	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0379	8	—	0.127	0.464	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.36	600	4.59	—	—	0.133	mg/L	Y	—	J+	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	166	1000	161	—	—	3.4	mg/L	Y	—	J	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	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	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	N	0	—	—	—	—	—	ng/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.086	20000	—	0.856	2.893	—	pCi/L	Y	U	UJ	N3B-2022-120	CAWR-22-234647	ARSL	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.427	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.556	27.2	0.715	0.0535	0.0798	—	pCi/L	Y	—	NQ	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0137	28.8	—	0.0103	0.0627	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.307	30	0.336	0.037	0.0774	—	pCi/L	Y	—	NQ	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	5.15	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	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-2022-40	CAWR-22-234647	GELC	Regional
Spring 4AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	N	4.85	10000	—	—	—	3.3	µg/L	Y	J	U	N3B-2022-40	CAWR-22-234648	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.516	—	—	—	—	0.516	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.516	—	—	—	—	0.516	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.31	—	—	—	—	0.31	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.6	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	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	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0826	1.9	—	—	—	0.0826	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0826	1.9	—	—	—	0.0826	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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	Regional
Spring 5	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234652	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 5	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.17	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	26.3	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	20	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	18	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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	Regional
Spring 5	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.34	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	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-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.77	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	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	Regional
Spring 5	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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-2022-42	CAWR-22-234651	GELC	Regional

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Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0826	2	—	—	—	0.0826	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0826	2.37	—	—	—	0.0826	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0826	0.485	—	—	—	0.0826	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	4.59	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.266	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.62	15	—	0.832	2.53	—	pCi/L	Y	U	UJ	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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	Regional
Spring 5	—	10/05/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	64.7	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0826	1000	—	—	—	0.0826	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	UJ	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	4.79	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.956	1000	2.5	—	—	0.2	µg/L	Y	J	J	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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	Regional
Spring 5	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.794	10	0.769	—	—	0.017	mg/L	Y	—	J-	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0826	1.4	—	—	—	0.0826	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0847	3.14	—	—	—	0.0847	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0826	1.74	—	—	—	0.0826	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.414	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.606	401	—	—	—	0.606	ng/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.734	60	—	—	—	0.734	ng/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.734	60	—	—	—	0.734	ng/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.103	170	—	—	—	0.103	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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	Regional
Spring 5	—	10/05/2021	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	Regional
Spring 5	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	1.93	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	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	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.245	5	—	0.128	0.391	—	pCi/L	Y	U	UJ	N3B-2022-42	CAWR-22-234651	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 5	—	10/05/2021	UF	INIT	REG	RAD	Generic: Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.572	—	—	0.238	—	—	pCi/L	Y	—	UJ	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.327	5	—	0.201	0.65	—	pCi/L	Y	U	UJ	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0826	9.66	—	—	—	0.0826	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	66.2	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	11.9	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	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	Regional
Spring 5	—	10/05/2021	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	Regional
Spring 5	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	86.2	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.143	8	—	0.105	0.446	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.94	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.31	—	—	—	—	0.31	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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	UJ	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0826	39.4	—	—	—	0.0826	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	157	1000	161	—	—	3.4	mg/L	Y	—	J	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	N	0	—	—	—	—	—	ng/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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	Regional
Spring 5	—	10/05/2021	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-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0826	590	—	—	—	0.0826	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0826	9.8	—	—	—	0.0826	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.31	—	—	—	—	0.31	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.283	20000	—	0.856	2.883	—	pCi/L	Y	U	UJ	N3B-2022-120	CAWR-22-234651	ARSL	Regional
Spring 5	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.576	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.336	27.2	0.715	0.0393	0.072	—	pCi/L	Y	—	NQ	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0214	28.8	—	0.0144	0.0566	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.192	30	0.336	0.0295	0.0699	—	pCi/L	Y	—	NQ	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	9.62	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234652	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	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-2022-42	CAWR-22-234651	GELC	Regional
Spring 5	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	4.86	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-42	CAWR-22-234652	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 5B	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.534	—	—	—	—	0.534	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.529	—	—	—	—	0.529	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.534	—	—	—	—	0.534	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.529	—	—	—	—	0.529	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.32	—	—	—	—	0.32	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.317	—	—	—	—	0.317	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	3.05	14100	—	—	—	1.74	µg/L	Y	J	J	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Acetone	67-64-1	Y	3.2	14100	—	—	—	1.74	µg/L	Y	J	J	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	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	Regional
Spring 5B	—	10/05/2021	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	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.2	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.8	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	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	Regional
Spring 5B	—	10/05/2021	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	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0854	1.9	—	—	—	0.0854	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0846	1.9	—	—	—	0.0846	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0854	1.9	—	—	—	0.0854	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0846	1.9	—	—	—	0.0846	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	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	Regional
Spring 5B	—	10/05/2021	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	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.32	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	2.26	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	32.3	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	Inorganic	SW-846:6010D	Barium	Ba	Y	31.4	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	19	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	Inorganic	SW-846:6010D	Boron	B	Y	18.6	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	17	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	Inorganic	SW-846:6010D	Calcium	Ca	Y	16.5	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	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	Regional
Spring 5B	—	10/05/2021	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	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.11	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.11	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.72	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.56	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	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	Regional
Spring 5B	—	10/05/2021	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	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	70	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethene[cis-1,2-]	156-59-2	N	0.333	70	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Dichloroethene[trans-1,2-]	156-60-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0854	2	—	—	—	0.0854	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0846	2	—	—	—	0.0846	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0854	2.37	—	—	—	0.0854	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0846	2.37	—	—	—	0.0846	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0854	0.485	—	—	—	0.0854	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0846	0.485	—	—	—	0.0846	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	4.59	—	—	—	16.7	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	4.59	—	—	—	16.7	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234709	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 5B	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.317	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.306	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.158	15	—	0.484	2.51	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.634	15	—	0.304	2.42	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	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	Regional
Spring 5B	—	10/05/2021	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	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	59.6	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	57.7	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0854	1000	—	—	—	0.0854	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0846	1000	—	—	—	0.0846	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	4.18	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	Inorganic	SW-846:6010D	Magnesium	Mg	Y	4.03	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	1.43	1000	2.5	—	—	0.2	µg/L	Y	—	U	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	N	1.02	1000	2.5	—	—	0.2	µg/L	Y	—	U	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	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	Regional
Spring 5B	—	10/05/2021	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	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.658	10	0.769	—	—	0.017	mg/L	Y	—	J-	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.661	10	0.769	—	—	0.017	mg/L	Y	—	J-	N3B-2022-41	CAWR-22-234710	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 5B	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0854	1.4	—	—	—	0.0854	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0846	1.4	—	—	—	0.0846	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0876	3.14	—	—	—	0.0876	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0867	3.14	—	—	—	0.0867	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0854	1.74	—	—	—	0.0854	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0846	1.74	—	—	—	0.0846	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.16	42.7	—	—	—	0.16	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.159	42.7	—	—	—	0.159	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.354	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.356	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.587	401	—	—	—	0.587	ng/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.557	401	—	—	—	0.557	ng/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.712	60	—	—	—	0.712	ng/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.675	60	—	—	—	0.675	ng/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.712	60	—	—	—	0.712	ng/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.675	60	—	—	—	0.675	ng/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.107	170	—	—	—	0.107	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.106	170	—	—	—	0.106	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	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	Regional
Spring 5B	—	10/05/2021	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	Regional
Spring 5B	—	10/05/2021	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	Regional
Spring 5B	—	10/05/2021	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	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	2.1	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	Inorganic	SW-846:6010D	Potassium	K	Y	2.06	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	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	Regional
Spring 5B	—	10/05/2021	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	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.488	5	—	0.137	0.26	—	pCi/L	Y	—	NQ	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.382	5	—	0.115	0.244	—	pCi/L	Y	—	NQ	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	RAD	Generic: Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.05	—	—	0.294	—	—	pCi/L	Y	—	NQ	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	RAD	Generic: Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.382	—	—	0.241	—	—	pCi/L	Y	—	NQ	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.566	5	—	0.26	0.797	—	pCi/L	Y	U	UJ	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	-0.143	5	—	0.212	0.782	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0854	9.66	—	—	—	0.0854	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0846	9.66	—	—	—	0.0846	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	65	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	63.1	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	12.2	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	Inorganic	SW-846:6010D	Sodium	Na	Y	11.9	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	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	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 5B	—	10/05/2021	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	Regional
Spring 5B	—	10/05/2021	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	Regional
Spring 5B	—	10/05/2021	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	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	92.4	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	Inorganic	SW-846:6010D	Strontium	Sr	Y	89.7	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.261	8	—	0.143	0.46	—	pCi/L	Y	U	UJ	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.714	8	—	0.104	0.41	—	pCi/L	Y	U	UJ	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.61	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.58	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.32	—	—	—	—	0.32	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.317	—	—	—	—	0.317	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	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	UJ	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	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	UJ	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0854	39.4	—	—	—	0.0854	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0846	39.4	—	—	—	0.0846	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	140	1000	161	—	—	3.4	mg/L	Y	—	J	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	156	1000	161	—	—	3.4	mg/L	Y	—	J	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	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	Regional
Spring 5B	—	10/05/2021	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	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	N	0	—	—	—	—	—	ng/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	N	0	—	—	—	—	—	ng/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	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	Regional
Spring 5B	—	10/05/2021	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	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234709	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0854	590	—	—	—	0.0854	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0846	590	—	—	—	0.0846	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0854	9.8	—	—	—	0.0854	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0846	9.8	—	—	—	0.0846	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.32	—	—	—	—	0.32	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.317	—	—	—	—	0.317	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.008	20000	—	0.839	2.838	—	pCi/L	Y	U	UJ	N3B-2022-120	CAWR-22-234653	ARSL	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.705	20000	—	0.89	2.967	—	pCi/L	Y	U	UJ	N3B-2022-120	CAWR-22-234709	ARSL	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.722	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.697	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.473	27.2	0.715	0.0454	0.0684	—	pCi/L	Y	—	NQ	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.489	27.2	0.715	0.0501	0.0805	—	pCi/L	Y	—	NQ	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0332	28.8	—	0.0125	0.0537	—	pCi/L	Y	U	UJ	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0168	28.8	—	0.00992	0.0632	—	pCi/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.26	30	0.336	0.0318	0.0664	—	pCi/L	Y	—	NQ	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.301	30	0.336	0.0363	0.0781	—	pCi/L	Y	—	NQ	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	8.74	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	Inorganic	SW-846:6010D	Vanadium	V	Y	8.5	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	UF	INIT	FD	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234653	GELC	Regional
Spring 5B	—	10/05/2021	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-2022-41	CAWR-22-234709	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	N	5.04	10000	—	—	—	3.3	µg/L	Y	J	U	N3B-2022-41	CAWR-22-234654	GELC	Regional
Spring 5B	—	10/05/2021	F	INIT	FD	Inorganic	SW-846:6010D	Zinc	Zn	N	6.07	10000	—	—	—	3.3	µg/L	Y	J	U	N3B-2022-41	CAWR-22-234710	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.496	—	—	—	—	0.496	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.496	—	—	—	—	0.496	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.298	—	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	3.23	14100	—	—	—	1.74	µg/L	Y	J	J	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.7	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	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	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0794	1.9	—	—	—	0.0794	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0794	1.9	—	—	—	0.0794	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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	Regional
Spring 6	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.14	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-43	CAWR-22-234656	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 6	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	23.9	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	11.6	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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	Regional
Spring 6	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.31	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	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-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.8	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	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	Regional
Spring 6	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 6	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0794	2	—	—	—	0.0794	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0794	2.37	—	—	—	0.0794	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0794	0.485	—	—	—	0.0794	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	4.59	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.205	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.335	15	—	0.415	2.49	—	pCi/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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	Regional
Spring 6	—	10/05/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	43.8	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0794	1000	—	—	—	0.0794	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	3.61	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	1.01	1000	2.5	—	—	0.2	µg/L	Y	—	U	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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	Regional
Spring 6	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.352	10	0.769	—	—	0.017	mg/L	Y	—	J-	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0794	1.4	—	—	—	0.0794	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0814	3.14	—	—	—	0.0814	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0794	1.74	—	—	—	0.0794	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.319	13.8	0.414	—	—	0.05	µg/L	Y	H	J-	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.593	401	—	—	—	0.593	ng/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.719	60	—	—	—	0.719	ng/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.719	60	—	—	—	0.719	ng/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.0993	170	—	—	—	0.0993	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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	Regional
Spring 6	—	10/05/2021	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	Regional
Spring 6	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	1.87	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	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	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.4	5	—	0.144	0.379	—	pCi/L	Y	—	NQ	N3B-2022-43	CAWR-22-234655	GELC	Regional

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Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 6	—	10/05/2021	UF	INIT	REG	RAD	Generic: Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.616	—	—	0.209	—	—	pCi/L	Y	—	NQ	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.216	5	—	0.151	0.499	—	pCi/L	Y	U	UJ	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0794	9.66	—	—	—	0.0794	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	74.2	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	10.4	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	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	Regional
Spring 6	—	10/05/2021	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	Regional
Spring 6	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	56.3	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.00281	8	—	0.126	0.47	—	pCi/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.44	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.298	—	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0794	39.4	—	—	—	0.0794	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	134	1000	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	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	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	N	0	—	—	—	—	—	ng/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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	Regional
Spring 6	—	10/05/2021	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-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0794	590	—	—	—	0.0794	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0794	9.8	—	—	—	0.0794	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.298	—	—	—	—	0.298	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.239	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.223	27.2	0.715	0.0315	0.0748	—	pCi/L	Y	—	NQ	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0217	28.8	—	0.0121	0.0588	—	pCi/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.117	30	0.336	0.0217	0.0726	—	pCi/L	Y	—	NQ	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	7.16	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	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-2022-43	CAWR-22-234655	GELC	Regional
Spring 6	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	N	5.17	10000	—	—	—	3.3	µg/L	Y	J	U	N3B-2022-43	CAWR-22-234656	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.537	—	—	—	—	0.537	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 6A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.537	—	—	—	—	0.537	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.322	—	—	—	—	0.322	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	4.07	14100	—	—	—	1.74	µg/L	Y	J	J	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	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-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.7	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0136	—	—	0.0235	0.207	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0859	1.9	—	—	—	0.0859	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0859	1.9	—	—	—	0.0859	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0578	—	—	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	10	—	—	—	2	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	20.9	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	10.4	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2	—	—	1.69	5.4	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.97	250	2.7	—	—	0.067	mg/L	Y	—	J+	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	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-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	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-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.62	—	—	1.64	6.63	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	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-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	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-2022-40	CAWR-22-234657	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	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-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	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-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	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-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	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-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	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-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	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-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	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-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	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-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	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-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	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-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	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-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	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-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0859	2	—	—	—	0.0859	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0859	2.37	—	—	—	0.0859	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0859	0.485	—	—	—	0.0859	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	4.59	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.146	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.174	15	—	0.473	2.33	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.02	—	—	0.975	2.97	—	pCi/L	Y	—	NQ	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	37.8	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0859	1000	—	—	—	0.0859	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	2.9	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	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-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	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-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	1.13	1000	2.5	—	—	0.2	µg/L	Y	—	U	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.559	—	—	2.5	8.94	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.263	10	0.769	—	—	0.017	mg/L	Y	—	J-	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0859	1.4	—	—	—	0.0859	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional

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Spring 6A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0881	3.14	—	—	—	0.0881	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0859	1.74	—	—	—	0.0859	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.161	42.7	—	—	—	0.161	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.286	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.634	401	—	—	—	0.634	ng/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.768	60	—	—	—	0.768	ng/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.768	60	—	—	—	0.768	ng/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.107	170	—	—	—	0.107	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00679	—	—	0.0107	0.0747	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0102	—	—	0.0132	0.0743	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	1.87	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-23.8	—	—	21.1	77.6	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.614	5	—	0.161	0.358	—	pCi/L	Y	—	NQ	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	Generic: Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.836	—	—	0.222	—	—	pCi/L	Y	—	NQ	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.223	5	—	0.153	0.501	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0859	9.66	—	—	—	0.0859	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	75.9	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	10.1	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.249	—	—	1.28	5.12	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	126	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	48.2	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.331	8	—	0.152	0.467	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.11	600	4.59	—	—	0.133	mg/L	Y	—	J+	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.322	—	—	—	—	0.322	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	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-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	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-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0859	39.4	—	—	—	0.0859	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	110	1000	161	—	—	3.4	mg/L	Y	—	J	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	N	0	—	—	—	—	—	ng/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0239	—	—	—	—	0.02	mg/L	Y	J	U	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	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-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	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-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	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-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	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-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	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-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	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-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	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-2022-40	CAWR-22-234657	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 6A	—	10/05/2021	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-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0859	590	—	—	—	0.0859	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0859	9.8	—	—	—	0.0859	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.322	—	—	—	—	0.322	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.823	20000	—	0.816	2.691	—	pCi/L	Y	U	UJ	N3B-2022-120	CAWR-22-234657	ARSL	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.116	30	1.19	—	—	0.067	µg/L	Y	J	J	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.187	27.2	0.715	0.0321	0.087	—	pCi/L	Y	—	NQ	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0427	28.8	—	0.019	0.0684	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0812	30	0.336	0.0229	0.0844	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	6.53	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	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-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	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-2022-40	CAWR-22-234657	GELC	Regional
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	N	3.52	10000	—	—	—	3.3	µg/L	Y	J	U	N3B-2022-40	CAWR-22-234658	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	3.63	14100	—	—	—	1.74	µg/L	Y	J	J	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.7	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	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	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0812	1.9	—	—	—	0.0812	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0812	1.9	—	—	—	0.0812	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	10	—	—	—	2	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	23.1	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	10.2	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.88	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	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	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0812	2	—	—	—	0.0812	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0812	2.37	—	—	—	0.0812	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0812	0.485	—	—	—	0.0812	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	4.59	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.244	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.135	15	—	0.641	2.69	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	39.1	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0812	1000	—	—	—	0.0812	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	UJ	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	Y	58	1000	—	—	—	30	µg/L	Y	J	J	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	3.3	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	Y	3.12	200	—	—	—	2	µg/L	Y	J	J	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.37	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.02	—	—	2.6	8.17	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.113	10	0.769	—	—	0.017	mg/L	Y	—	J-	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0812	1.4	—	—	—	0.0812	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0832	3.14	—	—	—	0.0832	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0812	1.74	—	—	—	0.0812	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.124	13.8	0.414	—	—	0.05	µg/L	Y	J	J	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.605	401	—	—	—	0.605	ng/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.733	60	—	—	—	0.733	ng/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.733	60	—	—	—	0.733	ng/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0148	—	—	0.0116	0.0613	—	pCi/L	Y	U	UJ	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00654	—	—	0.0102	0.0609	—	pCi/L	Y	U	UJ	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	2.02	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	26.5	—	—	33.8	56.8	—	pCi/L	Y	U	UJ	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0559	5	—	0.0969	0.374	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	RAD	Generic:Radium by Calculat	Radium-226 and Radium-228	Ra-226+228	Y	0.172	—	—	0.158	—	—	pCi/L	Y	—	UJ	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.117	5	—	0.125	0.436	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0812	9.66	—	—	—	0.0812	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	82.7	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	11.9	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.51	—	—	1.19	5.46	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	131	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	48.1	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.13	8	—	0.132	0.457	—	pCi/L	Y	U	UJ	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.17	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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	UJ	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-42	CAWR-22-234659	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 8A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0812	39.4	—	—	—	0.0812	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	159	1000	161	—	—	3.4	mg/L	Y	—	J	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.108	—	—	—	—	0.033	mg/L	Y	—	J+	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.642	—	—	—	—	0.33	mg/L	Y	J	J	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	N	0	—	—	—	—	—	ng/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0315	—	—	—	—	0.02	mg/L	Y	J	U	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethane[1,1,1-]	71-55-6	N	0.333	200	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0812	590	—	—	—	0.0812	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0812	9.8	—	—	—	0.0812	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-2.603	20000	—	0.963	3.111	—	pCi/L	Y	U	UJ	N3B-2022-120	CAWR-22-234659	ARSL	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.148	30	1.19	—	—	0.067	µg/L	Y	J	J	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.0873	27.2	0.715	0.0191	0.068	—	pCi/L	Y	—	NQ	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00497	28.8	—	0.0107	0.0534	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0511	30	0.336	0.0164	0.066	—	pCi/L	Y	U	UJ	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	5.56	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	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-2022-42	CAWR-22-234659	GELC	Regional
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	4	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-42	CAWR-22-234660	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.522	—	—	—	—	0.522	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.522	—	—	—	—	0.522	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	3.34	14100	—	—	—	1.74	µg/L	Y	J	J	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.5	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0174	—	—	0.0123	0.132	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0835	1.9	—	—	—	0.0835	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0835	1.9	—	—	—	0.0835	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0281	—	—	—	—	0.017	mg/L	Y	J	J	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	10	—	—	—	2	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234662	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	18.1	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	10.9	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.09	—	—	1.1	3.61	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.11	250	2.7	—	—	0.067	mg/L	Y	—	J+	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.687	—	—	0.963	3.57	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 9	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0835	2	—	—	—	0.0835	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0835	2.37	—	—	—	0.0835	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0835	0.485	—	—	—	0.0835	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	4.59	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.261	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.08	15	—	0.925	2.47	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.35	—	—	0.871	2.88	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	40.5	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0835	1000	—	—	—	0.0835	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	3.23	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	1.22	1000	2.5	—	—	0.2	µg/L	Y	—	U	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.87	—	—	2.1	8.05	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.111	10	0.769	—	—	0.017	mg/L	Y	—	J-	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0835	1.4	—	—	—	0.0835	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0856	3.14	—	—	—	0.0856	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0835	1.74	—	—	—	0.0835	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.157	42.7	—	—	—	0.157	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.208	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.583	401	—	—	—	0.583	ng/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.707	60	—	—	—	0.707	ng/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.707	60	—	—	—	0.707	ng/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0181	—	—	0.0108	0.0478	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00613	—	—	0.0086	0.0476	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	1.59	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	2.35	—	—	16.8	63.4	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.271	5	—	0.135	0.415	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234661	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 9	—	10/05/2021	UF	INIT	REG	RAD	Generic: Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.609	—	—	0.261	—	—	pCi/L	Y	—	UJ	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.338	5	—	0.224	0.731	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0835	9.66	—	—	—	0.0835	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	76.7	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	11.4	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.594	—	—	1.1	4.14	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	133	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	49.7	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.149	8	—	0.133	0.458	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.02	600	4.59	—	—	0.133	mg/L	Y	—	J+	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0835	39.4	—	—	—	0.0835	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	161	1000	161	—	—	3.4	mg/L	Y	—	J	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.169	—	—	—	—	0.033	mg/L	Y	—	J+	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.365	—	—	—	—	0.33	mg/L	Y	J	J	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	N	0	—	—	—	—	—	ng/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0228	—	—	—	—	0.02	mg/L	Y	J	U	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0835	590	—	—	—	0.0835	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0835	9.8	—	—	—	0.0835	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.147	30	1.19	—	—	0.067	µg/L	Y	J	J	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.235	27.2	0.715	0.0338	0.0825	—	pCi/L	Y	—	NQ	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0326	28.8	—	0.0147	0.0648	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.111	30	0.336	0.0243	0.08	—	pCi/L	Y	—	NQ	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	6.51	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234661	GELC	Regional
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	N	3.42	10000	—	—	—	3.3	µg/L	Y	J	U	N3B-2022-40	CAWR-22-234662	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.52	—	—	—	—	0.52	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional

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Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 9A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.52	—	—	—	—	0.52	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.312	—	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.1	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0162	—	—	0.0121	0.165	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0832	1.9	—	—	—	0.0832	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0832	1.9	—	—	—	0.0832	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0285	—	—	—	—	0.017	mg/L	Y	J	J	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	10	—	—	—	2	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	9.39	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	10.4	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.9	—	—	1.92	5.23	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.97	250	2.7	—	—	0.067	mg/L	Y	—	J+	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.462	—	—	0.974	4.53	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234663	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0832	2	—	—	—	0.0832	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0832	2.37	—	—	—	0.0832	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0832	0.485	—	—	—	0.0832	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	4.59	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.41	15	—	0.457	2.55	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1	—	—	0.873	2.93	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	38.6	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0832	1000	—	—	—	0.0832	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	3.05	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	1.16	1000	2.5	—	—	0.2	µg/L	Y	—	U	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.659	—	—	3.71	11.1	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.31	10	0.769	—	—	0.017	mg/L	Y	—	J-	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0832	1.4	—	—	—	0.0832	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Spring 9A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0853	3.14	—	—	—	0.0853	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0832	1.74	—	—	—	0.0832	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.272	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.616	401	—	—	—	0.616	ng/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.747	60	—	—	—	0.747	ng/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.747	60	—	—	—	0.747	ng/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00326	—	—	0.0113	0.0699	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0193	—	—	0.0149	0.0695	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	1.42	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	15.8	—	—	24.4	58.7	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.257	5	—	0.134	0.415	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	Generic: Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.648	—	—	0.265	—	—	pCi/L	Y	—	UJ	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.391	5	—	0.228	0.732	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0832	9.66	—	—	—	0.0832	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	73.2	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	10.9	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.3	—	—	1.32	4.68	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	128	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	48	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.12	8	—	0.109	0.442	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2	600	4.59	—	—	0.133	mg/L	Y	—	J+	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.312	—	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explo	SW-846:8330B	Tetryl	479-45-8	N	0.0832	39.4	—	—	—	0.0832	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	127	1000	161	—	—	3.4	mg/L	Y	—	J	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	N	0	—	—	—	—	—	ng/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0446	—	—	—	—	0.02	mg/L	Y	J	U	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234663	GELC	Regional

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Spring 9A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0832	590	—	—	—	0.0832	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0832	9.8	—	—	—	0.0832	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.312	—	—	—	—	0.312	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	Generic: Low_Level_Tritium	Tritium	H-3	N	-0.99	20000	—	0.977	3.313	—	pCi/L	Y	U	UJ	N3B-2022-120	CAWR-22-234663	ARSL	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.198	30	1.19	—	—	0.067	µg/L	Y	J	J	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.242	27.2	0.715	0.0321	0.0707	—	pCi/L	Y	—	NQ	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0295	28.8	—	0.0115	0.0555	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.101	30	0.336	0.0194	0.0686	—	pCi/L	Y	—	NQ	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	7.86	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234664	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234663	GELC	Regional
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	N	3.7	10000	—	—	—	3.3	µg/L	Y	J	U	N3B-2022-40	CAWR-22-234664	GELC	Regional
Starmer Spring	—	04/19/2022	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	UJ	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	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	UJ	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	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	UJ	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.296	535	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.296	—	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.14	—	—	—	—	0.01	SU	Y	H	J	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	46.4	—	62	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	Y	565	5000	—	—	—	68	µg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00295	—	—	0.0114	0.0496	—	pCi/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.08	1.9	—	—	—	0.08	µg/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.08	1.9	—	—	—	0.08	µg/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0232	—	—	—	—	0.017	mg/L	Y	J	U	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.15	130	—	—	—	4.15	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.296	1720	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.48	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	2.96	3	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	2.96	1.2	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	60.3	2000	13.5	—	—	1	µg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.85	0.00109	—	—	—	3.85	µg/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.296	0.12	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.296	0.2	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.296	0.343	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.296	—	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.296	3.43	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	5.92	75000	—	—	—	5.92	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	2.96	2000	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	2.96	59	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	2.96	0.137	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.296	6	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	15	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.17	—	—	—	—	0.067	mg/L	Y	J	J	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	2.96	—	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.296	160	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	14.5	—	10.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.22	—	—	3.32	4.92	—	pCi/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	46.7	250	3.11	—	—	0.67	mg/L	Y	—	J+	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	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-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	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-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	2.96	1400	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.26	3.7	—	—	—	3.26	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.405	733	—	—	—	0.405	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	2.96	91	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.96	—	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.296	34.3	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.251	—	—	1.4	4.86	—	pCi/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.296	0.0343	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	2.96	7.9	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	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-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	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-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	2.96	600	—	—	—	2.96	µg/L	N	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	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-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	2.96	—	—	—	—	2.96	µg/L	N	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	2.96	75	—	—	—	2.96	µg/L	N	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	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-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	2.96	1.25	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	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-2022-1336	CAPA-22-248741	GELC	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Starmer Spring	—	04/19/2022	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-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	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-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	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-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	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-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	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-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	2.96	45.3	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	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-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	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-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	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-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	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-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.296	14800	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.296	612	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	2.96	354	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.296	885	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.96	1.52	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.08	2	—	—	—	0.08	µg/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	4.94	38.7	—	—	—	4.94	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.08	2.37	—	—	—	0.08	µg/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	2.96	2.37	—	—	—	2.96	µg/L	N	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.08	0.485	—	—	—	0.08	µg/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	2.96	0.485	—	—	—	2.96	µg/L	N	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.296	200	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	2.96	7	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	2.96	4.59	—	—	—	2.96	µg/L	N	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	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-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	2.96	122	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.296	802	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.296	288	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.139	1.6	0.234	—	—	0.033	mg/L	Y	—	J-	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	-0.44	15	—	0.589	2.61	—	pCi/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	2.92	—	—	0.897	2.62	—	pCi/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	53.6	—	37.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	2.96	1	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	2.96	1.39	—	—	—	2.96	µg/L	N	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	2.96	50	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	2.96	3.28	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.08	1000	—	—	—	0.08	µg/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.296	0.343	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	Y	256	1000	—	—	—	30	µg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.45	781	—	—	—	3.45	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	4.22	—	3.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate

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Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	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-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	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-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.296	11.4	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.296	35.1	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	2.96	930	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.65	—	—	—	—	3.65	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.406	1000	2.9	—	—	0.2	µg/L	Y	J	J	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.296	1.17	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.778	—	—	2.35	8.45	—	pCi/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	3.65	—	—	0.6	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.272	10	0.459	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	2.96	190	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	2.96	—	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	2.96	38	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.08	1.4	—	—	—	0.08	µg/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.96	1.4	—	—	—	2.96	µg/L	N	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	2.96	—	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	2.96	—	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	2.96	0.00167	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	2.96	0.00491	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.96	0.0273	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.96	0.11	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	2.96	0.37	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.082	3.14	—	—	—	0.082	µg/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.08	1.74	—	—	—	0.08	µg/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	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	UJ	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.96	9.81	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	2.96	3.07	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	2.96	1	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.332	13.8	0.27	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.1	170	—	—	—	0.1	µg/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.296	170	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	2.96	5	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0127	—	—	0.0127	0.0761	—	pCi/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	—	—	0.0134	0.115	—	pCi/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	3.39	—	2.35	—	—	0.05	mg/L	Y	—	J+	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-14.6	—	—	18.1	64.4	—	pCi/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	2.96	250	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.296	117	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	2.96	20	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.493	5	—	0.145	0.319	—	pCi/L	Y	—	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	RAD	Generic: Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.33	—	—	0.286	—	—	pCi/L	Y	—	J+	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.839	5	—	0.246	0.643	—	pCi/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Starmer Spring	—	04/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.08	9.66	—	—	—	0.08	µg/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	33.3	—	75	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	26.6	—	18.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.136	—	—	1.27	4.83	—	pCi/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	276	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	102	11800	59.6	—	—	1	µg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	0.494	8	—	0.16	0.476	—	pCi/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.45	600	7.1	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	2.96	20	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.3	—	—	—	—	0.3	µg/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.96	1.66	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	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-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	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-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.96	240	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.08	39.4	—	—	—	0.08	µg/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	187	1000	—	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.155	—	—	—	—	0.033	mg/L	Y	—	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	1.72	—	—	—	—	0.33	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.191	—	—	—	—	0.02	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	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-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	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-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	2.96	70	—	—	—	2.96	µg/L	N	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	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-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	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-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	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-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	2.96	1170	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	2.96	11.9	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	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-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	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-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	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-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.08	590	—	—	—	0.08	µg/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.08	9.8	—	—	—	0.08	µg/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	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	UJ	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.079	30	0.992	—	—	0.067	µg/L	Y	J	J	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.0556	27.2	0.477	0.0154	0.0518	—	pCi/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0165	28.8	—	0.011	0.0376	—	pCi/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0321	30	0.201	0.0114	0.048	—	pCi/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	1.7	63.1	9.29	—	—	1	µg/L	Y	J	J	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	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-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	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-2022-1336	CAPA-22-248741	GELC	Intermediate
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	N	3.3	10000	—	—	—	3.3	µg/L	Y	U	U	N3B-2022-1336	CAPA-22-248740	GELC	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.309	535	—	—	—	0.309	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.309	—	—	—	—	0.309	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.59	—	—	—	—	0.01	SU	Y	H	J	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66	—	62	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00869	—	—	0.00687	0.0412	—	pCi/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0344	—	—	—	—	0.017	mg/L	Y	J	J	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.33	130	—	—	—	4.33	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.309	1720	—	—	—	0.309	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	10	—	—	—	2	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3.09	3	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3.09	1.2	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	61.3	2000	13.5	—	—	1	µg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	4.02	0.00109	—	—	—	4.02	µg/L	Y	U	UJ	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.309	0.12	—	—	—	0.309	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.309	0.2	—	—	—	0.309	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.309	0.343	—	—	—	0.309	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.309	—	—	—	—	0.309	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.309	3.43	—	—	—	0.309	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	6.18	75000	—	—	—	6.18	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3.09	2000	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3.09	59	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	3.09	0.137	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.309	6	—	—	—	0.309	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	173	750	—	—	—	15	µg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3.09	—	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.309	160	—	—	—	0.309	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	34.7	—	10.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.72	—	—	3.08	6.58	—	pCi/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	44.4	250	3.11	—	—	0.67	mg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3.09	1400	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.4	3.7	—	—	—	3.4	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.423	733	—	—	—	0.423	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3.09	91	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.09	—	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.309	34.3	—	—	—	0.309	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	Y	1.44	50	—	—	—	1	µg/L	Y	J	J	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.658	—	—	1.89	7.24	—	pCi/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.309	0.0343	—	—	—	0.309	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3.09	7.9	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3.09	600	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3.09	—	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3.09	75	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3.09	1.25	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3.09	45.3	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.309	14800	—	—	—	0.309	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.309	612	—	—	—	0.309	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3.09	354	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.309	885	—	—	—	0.309	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.09	1.52	—	—	—	3.09	µg/L	Y	U	UJ	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5.15	38.7	—	—	—	5.15	µg/L	Y	U	UJ	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3.09	2.37	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3.09	0.485	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.309	200	—	—	—	0.309	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3.09	7	—	—	—	3.09	µg/L	Y	U	UJ	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	1.34	4.59	—	—	—	0.1	µg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3.09	4.59	—	—	—	3.09	µg/L	N	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3.09	122	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.309	802	—	—	—	0.309	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.309	288	—	—	—	0.309	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.289	1.6	0.234	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.798	15	—	0.753	2.76	—	pCi/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	3.33	—	—	0.958	2.93	—	pCi/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	113	—	37.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3.09	1	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3.09	1.39	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3.09	50	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3.09	3.28	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.309	0.343	—	—	—	0.309	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.61	781	—	—	—	3.61	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	6.48	—	3.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	Y	12.7	200	—	—	—	2	µg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.309	11.4	—	—	—	0.309	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.309	35.1	—	—	—	0.309	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3.09	930	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.81	—	—	—	—	3.81	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.764	1000	2.9	—	—	0.2	µg/L	Y	J	J	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.309	1.17	—	—	—	0.309	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.46	—	—	3.4	10.2	—	pCi/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	30	200	3.65	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.55	10	0.459	—	—	0.085	mg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3.09	190	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3.09	—	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3.09	38	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3.09	1.4	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3.09	—	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3.09	—	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3.09	0.00167	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3.09	0.00491	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.09	0.0273	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.09	0.11	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3.09	0.37	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.09	9.81	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3.09	3.07	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3.09	1	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.315	13.8	0.27	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.309	170	—	—	—	0.309	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3.09	5	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00356	—	—	0.00563	0.0364	—	pCi/L	Y	U	UJ	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00356	—	—	0.00617	0.032	—	pCi/L	Y	U	UJ	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	2.26	—	2.35	—	—	0.05	mg/L	Y	—	J+	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	51.2	—	—	64.2	61.3	—	pCi/L	Y	U	UJ	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3.09	250	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.309	117	—	—	—	0.309	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3.09	20	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.549	5	—	0.164	0.357	—	pCi/L	Y	—	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	Generic: Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.651	—	—	0.231	—	—	pCi/L	Y	J	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.102	5	—	0.162	0.577	—	pCi/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	69.9	—	75	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	22.5	—	18.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.964	—	—	1.63	5.91	—	pCi/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	389	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	193	11800	59.6	—	—	1	µg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.264	8	—	0.134	0.496	—	pCi/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	28	600	7.1	—	—	0.133	mg/L	Y	—	J+	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3.09	20	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.09	1.66	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.09	240	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	290	1000	—	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.147	—	—	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	15.2	—	—	—	—	0.33	mg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.187	—	—	—	—	0.02	mg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3.09	70	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3.09	1170	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	3.09	11.9	—	—	—	3.09	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	N	110	20000	—	54.5	173	—	pCi/L	Y	U	UJ	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.25	30	0.992	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.501	27.2	0.477	0.0612	0.0882	—	pCi/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0122	28.8	—	0.0193	0.0917	—	pCi/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.252	30	0.201	0.0425	0.101	—	pCi/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250836	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	N	1	63.1	9.29	—	—	1	µg/L	Y	U	U	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	3.62	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-2089	CAPU-22-250837	GELC	Intermediate
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.311	535	—	—	—	0.311	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.311	—	—	—	—	0.311	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	3.05	14100	—	—	—	1.74	µg/L	Y	J	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	131	—	—	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.021	—	—	0.00914	0.0799	—	pCi/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	—	0.017	mg/L	Y	U	U	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.35	130	—	—	—	4.35	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.311	1720	—	—	—	0.311	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.07	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-64	CAWR-22-234630	GELC	—

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3.11	3	—	—	—	3.11	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3.11	1.2	—	—	—	3.11	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	101	2000	—	—	—	1	µg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	4.04	0.00109	—	—	—	4.04	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	9.31	75000	—	—	—	6.21	µg/L	Y	J	UJ	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3.11	2000	—	—	—	3.11	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	53	750	—	—	—	15	µg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.143	—	—	—	—	0.067	mg/L	Y	J	J	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	UJ	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3.11	—	—	—	—	3.11	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.311	160	—	—	—	0.311	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	33.9	—	—	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.01	—	—	1.1	4.18	—	pCi/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	8.37	250	—	—	—	0.067	mg/L	Y	—	J+	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.42	3.7	—	—	—	3.42	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.425	733	—	—	—	0.425	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3.11	91	—	—	—	3.11	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.311	34.3	—	—	—	0.311	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0762	—	—	1.28	4.9	—	pCi/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234630	GELC	—

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Upper La Mesita	—	10/12/2021	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3.11	7.9	—	—	—	3.11	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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	UJ	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3.11	—	—	—	—	3.11	µg/L	N	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.311	14800	—	—	—	0.311	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.311	612	—	—	—	0.311	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3.11	354	—	—	—	3.11	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5.18	38.7	—	—	—	5.18	µg/L	Y	U	UJ	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3.11	2.37	—	—	—	3.11	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3.11	0.485	—	—	—	3.11	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.311	200	—	—	—	0.311	µg/L	Y	U	UJ	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3.11	7	—	—	—	3.11	µg/L	Y	U	UJ	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	4.59	—	—	—	16.7	µg/L	N	U	UJ	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3.11	4.59	—	—	—	3.11	µg/L	N	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3.11	122	—	—	—	3.11	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.311	802	—	—	—	0.311	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.311	288	—	—	—	0.311	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.26	1.6	—	—	—	0.033	mg/L	Y	—	J-	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	9.64	15	—	1.84	2.97	—	pCi/L	Y	—	UJ	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.97	—	—	0.894	2.52	—	pCi/L	Y	—	NQ	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	HARDNESS	Y	90.3	—	—	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3.11	1	—	—	—	3.11	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3.11	1.39	—	—	—	3.11	µg/L	N	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3.11	50	—	—	—	3.11	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3.11	3.28	—	—	—	3.11	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—

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Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	UJ	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.63	781	—	—	—	3.63	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	1.38	—	—	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.122	2	—	—	—	0.067	µg/L	Y	J	U	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.62	5	—	—	—	0.5	µg/L	Y	J	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3.11	930	—	—	—	3.11	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.83	—	—	—	—	3.83	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.59	1000	—	—	—	0.2	µg/L	Y	—	J+	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.311	1.17	—	—	—	0.311	µg/L	N	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.806	—	—	2.4	8.86	—	pCi/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.32	10	—	—	—	0.17	mg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3.11	190	—	—	—	3.11	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3.11	—	—	—	—	3.11	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3.11	38	—	—	—	3.11	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3.11	1.4	—	—	—	3.11	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3.11	—	—	—	—	3.11	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3.11	—	—	—	—	3.11	µg/L	Y	U	UJ	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3.11	3.07	—	—	—	3.11	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3.11	1	—	—	—	3.11	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.909	13.8	—	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.311	170	—	—	—	0.311	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3.11	5	—	—	—	3.11	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00403	—	—	0.00637	0.0443	—	pCi/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0161	—	—	0.0107	0.0441	—	pCi/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	2.76	—	—	—	—	0.05	mg/L	Y	—	J+	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-1.05	—	—	19.2	72.4	—	pCi/L	Y	U	UJ	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3.11	250	—	—	—	3.11	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.311	117	—	—	—	0.311	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3.11	20	—	—	—	3.11	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	2.27	5	—	0.307	0.298	—	pCi/L	Y	—	U	N3B-2022-64	CAWR-22-234629	GELC	—

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

Location ID	Screen Depth (ft)	Sample Date	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID	Aquifer
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	Generic: Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	2.82	—	—	0.353	—	—	pCi/L	Y	—	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.552	5	—	0.174	0.451	—	pCi/L	Y	—	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	28.5	—	—	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	30.4	—	—	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.88	—	—	1.07	4.48	—	pCi/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	372	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	756	11800	—	—	—	1	µg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.353	8	—	0.144	0.446	—	pCi/L	Y	U	UJ	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	15	600	—	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3.11	20	—	—	—	3.11	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	191	1000	—	—	—	3.4	mg/L	Y	—	J+	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.242	—	—	—	—	0.033	mg/L	Y	—	UJ	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0225	—	—	—	—	0.02	mg/L	Y	J	J	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	UJ	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-2.106	20000	—	0.914	3.006	—	pCi/L	Y	U	UJ	N3B-2022-120	CAWR-22-234629	ARSL	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	8.61	30	—	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	4.48	27.2	—	0.23	0.0506	—	pCi/L	Y	—	NQ	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.151	28.8	—	0.0212	0.0396	—	pCi/L	Y	—	NQ	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	2.63	30	—	0.143	0.0491	—	pCi/L	Y	—	NQ	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	3.92	63.1	—	—	—	1	µg/L	Y	J	J	N3B-2022-64	CAWR-22-234630	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234629	GELC	—
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	N	7.86	10000	—	—	—	3.3	µg/L	Y	J	U	N3B-2022-64	CAWR-22-234630	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 (ft)	Sample Date	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
03-B-13	21.5	04/05/2022	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.27	—	—	0.01	SU	Y	H	J	N3B-2022-1232	CAPA-22-248748	GELC
03-B-13	21.5	04/13/2021	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.47	—	—	0.01	SU	Y	H	J	N3B-2021-1271	CAPA-21-221769	GELC
03-B-13	21.5	09/14/2020	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.34	—	—	0.01	SU	Y	H	NQ	N3B-2020-1762	CAPA-20-206517	GELC
03-B-13	21.5	04/16/2019	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.51	—	—	0.01	SU	Y	H	NQ	N3B-2019-1400	CAPA-19-171717	GELC
03-B-13	21.5	10/31/2018	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.51	—	—	0.01	SU	Y	H	NQ	N3B-2019-315	CAPA-19-163689	GELC
03-B-13	21.5	10/31/2018	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.44	—	—	0.01	SU	Y	H	NQ	N3B-2019-315	CAPA-19-163692	GELC
03-B-13	21.5	04/05/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	28.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248748	GELC
03-B-13	21.5	04/13/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	43.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-1271	CAPA-21-221769	GELC
03-B-13	21.5	09/14/2020	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	42.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1762	CAPA-20-206517	GELC
03-B-13	21.5	04/16/2019	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1400	CAPA-19-171717	GELC
03-B-13	21.5	10/31/2018	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-315	CAPA-19-163689	GELC
03-B-13	21.5	10/31/2018	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-315	CAPA-19-163692	GELC
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	Y	3970	—	—	68	µg/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248748	GELC
03-B-13	21.5	04/13/2021	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	1130	—	—	68	µg/L	Y	—	NQ	N3B-2021-1271	CAPA-21-221769	GELC
03-B-13	21.5	09/14/2020	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	5430	—	—	68	µg/L	Y	EN	J+	N3B-2020-1762	CAPA-20-206517	GELC
03-B-13	21.5	04/16/2019	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68	—	—	68	µg/L	Y	U	U	N3B-2019-1400	CAPA-19-171717	GELC
03-B-13	21.5	10/31/2018	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	1490	—	—	68	µg/L	Y	—	J+	N3B-2019-315	CAPA-19-163689	GELC
03-B-13	21.5	10/31/2018	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	Y	1870	—	—	68	µg/L	Y	—	J+	N3B-2019-315	CAPA-19-163692	GELC
03-B-13	21.5	04/05/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00997	0.00663	0.0335	—	pCi/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC
03-B-13	21.5	04/13/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00732	0.0137	0.0733	—	pCi/L	Y	U	U	N3B-2021-1271	CAPA-21-221770	GELC
03-B-13	21.5	09/14/2020	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00457	0.0189	0.0829	—	pCi/L	Y	U	U	N3B-2020-1762	CAPA-20-206518	GELC
03-B-13	21.5	04/16/2019	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00413	0.00876	0.0502	—	pCi/L	Y	U	U	N3B-2019-1400	CAPA-19-171718	GELC
03-B-13	21.5	04/10/2018	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00537	0.00537	0.0502	—	pCi/L	Y	U	U	2018-2375	CAPA-18-152859	GELC
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.48	—	—	2	µg/L	Y	J	J	N3B-2022-1232	CAPA-22-248748	GELC
03-B-13	21.5	04/13/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2021-1271	CAPA-21-221769	GELC
03-B-13	21.5	09/14/2020	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.87	—	—	2	µg/L	Y	J	J	N3B-2020-1762	CAPA-20-206517	GELC
03-B-13	21.5	04/16/2019	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.17	—	—	2	µg/L	Y	J	J	N3B-2019-1400	CAPA-19-171717	GELC
03-B-13	21.5	10/31/2018	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.08	—	—	2	µg/L	Y	J	J	N3B-2019-315	CAPA-19-163689	GELC
03-B-13	21.5	10/31/2018	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	Y	2.83	—	—	2	µg/L	Y	J	J	N3B-2019-315	CAPA-19-163692	GELC
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	57.8	—	—	1	µg/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248748	GELC
03-B-13	21.5	04/13/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	66.3	—	—	1	µg/L	Y	—	NQ	N3B-2021-1271	CAPA-21-221769	GELC
03-B-13	21.5	09/14/2020	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	75.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-1762	CAPA-20-206517	GELC
03-B-13	21.5	04/16/2019	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	169	—	—	1	µg/L	Y	—	NQ	N3B-2019-1400	CAPA-19-171717	GELC
03-B-13	21.5	10/31/2018	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	95.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-315	CAPA-19-163689	GELC
03-B-13	21.5	10/31/2018	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	98.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-315	CAPA-19-163692	GELC
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	48.9	—	—	15	µg/L	Y	J	J	N3B-2022-1232	CAPA-22-248748	GELC
03-B-13	21.5	04/13/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	42.5	—	—	15	µg/L	Y	J	J	N3B-2021-1271	CAPA-21-221769	GELC
03-B-13	21.5	09/14/2020	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	62.9	—	—	15	µg/L	Y	—	NQ	N3B-2020-1762	CAPA-20-206517	GELC
03-B-13	21.5	04/16/2019	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	25.2	—	—	15	µg/L	Y	J	J	N3B-2019-1400	CAPA-19-171717	GELC
03-B-13	21.5	10/31/2018	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	39.4	—	—	15	µg/L	Y	J	J	N3B-2019-315	CAPA-19-163689	GELC
03-B-13	21.5	10/31/2018	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	39.7	—	—	15	µg/L	Y	J	J	N3B-2019-315	CAPA-19-163692	GELC
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	11.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248748	GELC
03-B-13	21.5	04/13/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	15.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1271	CAPA-21-221769	GELC
03-B-13	21.5	09/14/2020	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1762	CAPA-20-206517	GELC
03-B-13	21.5	04/16/2019	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	44.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1400	CAPA-19-171717	GELC
03-B-13	21.5	10/31/2018	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	24.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-315	CAPA-19-163689	GELC
03-B-13	21.5	10/31/2018	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	25.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-315	CAPA-19-163692	GELC
03-B-13	21.5	04/05/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.45	1.41	5.53	—	pCi/L	Y	U	UJ	N3B-2022-1232	CAPA-22-248749	GELC
03-B-13	21.5	04/13/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.805	0.91	3.41	—	pCi/L	Y	U	U	N3B-2021-1271	CAPA-21-221770	GELC
03-B-13	21.5	09/14/2020	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.65	1.37	5.91	—	pCi/L	Y	U	U	N3B-2020-1762	CAPA-20-206518	GELC
03-B-13	21.5	04/16/2019	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.556	1.01	3.68	—	pCi/L	Y	U	U	N3B-2019-1400	CAPA-19-171718	GELC
03-B-13	21.5	04/10/2018	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.209	1.34	5.06	—	pCi/L	Y	U	U	2018-2375	CAPA-18-152859	GELC
03-B-13	21.5	04/05/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	43	—	—	0.67	mg/L	Y	—	J+	N3B-2022-1232	CAPA-22-248748	GELC
03-B-13	21.5	04/13/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	50.4	—	—	0.67	mg/L	Y	—	NQ	N3B-2021-1271	CAPA-21-221769	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 (ft)	Sample Date	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
03-B-13	21.5	09/14/2020	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	55.9	—	—	0.67	mg/L	Y	—	J+	N3B-2020-1762	CAPA-20-206517	GELC
03-B-13	21.5	04/16/2019	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	215	—	—	3.35	mg/L	Y	—	NQ	N3B-2019-1400	CAPA-19-171717	GELC
03-B-13	21.5	10/31/2018	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	90.7	—	—	1.34	mg/L	Y	—	NQ	N3B-2019-315	CAPA-19-163689	GELC
03-B-13	21.5	10/31/2018	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	91	—	—	1.34	mg/L	Y	—	NQ	N3B-2019-315	CAPA-19-163692	GELC
03-B-13	21.5	04/05/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.59	1.6	6.08	—	pCi/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC
03-B-13	21.5	04/13/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.93	0.772	3.29	—	pCi/L	Y	U	U	N3B-2021-1271	CAPA-21-221770	GELC
03-B-13	21.5	09/14/2020	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.814	1.41	6.11	—	pCi/L	Y	U	U	N3B-2020-1762	CAPA-20-206518	GELC
03-B-13	21.5	04/16/2019	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.00475	1.01	3.37	—	pCi/L	Y	U	U	N3B-2019-1400	CAPA-19-171718	GELC
03-B-13	21.5	04/10/2018	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.13	1.15	5.29	—	pCi/L	Y	U	U	2018-2375	CAPA-18-152859	GELC
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	3.2	—	—	0.1	µg/L	Y	B	J+	N3B-2022-1232	CAPA-22-248749	GELC
03-B-13	21.5	04/05/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3.31	—	—	3.31	µg/L	N	U	UJ	N3B-2022-1232	CAPA-22-248749	GELC
03-B-13	21.5	04/13/2021	UF	RE	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	16.9	—	—	0.5	µg/L	Y	—	J-	N3B-2021-1271	CAPA-21-221770	GELC
03-B-13	21.5	04/13/2021	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	5.74	—	—	3	µg/L	N	J	J-	N3B-2021-1271	CAPA-21-221770	GELC
03-B-13	21.5	04/13/2021	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	14.5	—	—	0.5	µg/L	N	—	J-	N3B-2021-1271	CAPA-21-221770	GELC
03-B-13	21.5	09/14/2020	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.19	—	—	3.19	µg/L	Y	U	UJ	N3B-2020-1762	CAPA-20-206518	GELC
03-B-13	21.5	09/14/2020	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	3.67	—	—	0.1	µg/L	Y	—	J-	N3B-2020-1762	CAPA-20-206518	GELC
03-B-13	21.5	04/16/2019	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	17.1	—	—	3.09	µg/L	Y	—	NQ	N3B-2019-1400	CAPA-19-171718	GELC
03-B-13	21.5	10/31/2018	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	6.53	—	—	3.06	µg/L	Y	J	J	N3B-2019-315	CAPA-19-163690	GELC
03-B-13	21.5	10/31/2018	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	Y	5.99	—	—	3	µg/L	Y	J	J-	N3B-2019-315	CAPA-19-163693	GELC
03-B-13	21.5	04/05/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.123	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248748	GELC
03-B-13	21.5	04/13/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.114	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1271	CAPA-21-221769	GELC
03-B-13	21.5	09/14/2020	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.118	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1762	CAPA-20-206517	GELC
03-B-13	21.5	04/16/2019	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.099	—	—	0.033	mg/L	Y	J	J	N3B-2019-1400	CAPA-19-171717	GELC
03-B-13	21.5	10/31/2018	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.0958	—	—	0.033	mg/L	Y	J	J	N3B-2019-315	CAPA-19-163689	GELC
03-B-13	21.5	10/31/2018	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.0973	—	—	0.033	mg/L	Y	J	J	N3B-2019-315	CAPA-19-163692	GELC
03-B-13	21.5	04/05/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	Y	2.52	0.947	2.4	—	pCi/L	Y	—	J-	N3B-2022-1232	CAPA-22-248749	GELC
03-B-13	21.5	04/13/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.421	0.608	2.44	—	pCi/L	Y	U	U	N3B-2021-1271	CAPA-21-221770	GELC
03-B-13	21.5	09/14/2020	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	4.15	1	1.93	—	pCi/L	Y	—	NQ	N3B-2020-1762	CAPA-20-206518	GELC
03-B-13	21.5	04/16/2019	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.56	0.906	2.94	—	pCi/L	Y	U	U	N3B-2019-1400	CAPA-19-171718	GELC
03-B-13	21.5	04/10/2018	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.539	0.507	1.73	—	pCi/L	Y	U	U	2018-2375	CAPA-18-152859	GELC
03-B-13	21.5	04/05/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	6.34	0.981	2.32	—	pCi/L	Y	—	J	N3B-2022-1232	CAPA-22-248749	GELC
03-B-13	21.5	04/13/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.44	0.998	2.89	—	pCi/L	Y	—	J	N3B-2021-1271	CAPA-21-221770	GELC
03-B-13	21.5	09/14/2020	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	7.05	1.04	2.74	—	pCi/L	Y	—	NQ	N3B-2020-1762	CAPA-20-206518	GELC
03-B-13	21.5	04/16/2019	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	8.84	0.571	1.54	—	pCi/L	Y	—	NQ	N3B-2019-1400	CAPA-19-171718	GELC
03-B-13	21.5	04/10/2018	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	8.14	0.44	1	—	pCi/L	Y	—	NQ	2018-2375	CAPA-18-152859	GELC
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	41.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248748	GELC
03-B-13	21.5	04/13/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	55.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-1271	CAPA-21-221769	GELC
03-B-13	21.5	09/14/2020	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	50	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1762	CAPA-20-206517	GELC
03-B-13	21.5	04/16/2019	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	154	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1400	CAPA-19-171717	GELC
03-B-13	21.5	10/31/2018	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	85.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-315	CAPA-19-163689	GELC
03-B-13	21.5	10/31/2018	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	88.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-315	CAPA-19-163692	GELC
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	Y	2170	—	—	30	µg/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248748	GELC
03-B-13	21.5	04/13/2021	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	727	—	—	30	µg/L	Y	—	NQ	N3B-2021-1271	CAPA-21-221769	GELC
03-B-13	21.5	09/14/2020	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	3240	—	—	30	µg/L	Y	E	NQ	N3B-2020-1762	CAPA-20-206517	GELC
03-B-13	21.5	04/16/2019	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	55.2	—	—	30	µg/L	Y	J	J	N3B-2019-1400	CAPA-19-171717	GELC
03-B-13	21.5	10/31/2018	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	805	—	—	30	µg/L	Y	—	J+	N3B-2019-315	CAPA-19-163689	GELC
03-B-13	21.5	10/31/2018	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	Y	1020	—	—	30	µg/L	Y	—	J+	N3B-2019-315	CAPA-19-163692	GELC
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	Y	2.24	—	—	0.5	µg/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248748	GELC
03-B-13	21.5	04/13/2021	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	Y	0.685	—	—	0.5	µg/L	Y	J	J	N3B-2021-1271	CAPA-21-221769	GELC
03-B-13	21.5	09/14/2020	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	Y	3.33	—	—	0.5	µg/L	Y	—	NQ	N3B-2020-1762	CAPA-20-206517	GELC
03-B-13	21.5	04/16/2019	F	INIT	REG	Inorganic	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5	µg/L	Y	U	U	N3B-2019-1400	CAPA-19-171717	GELC
03-B-13	21.5	10/31/2018	F	INIT	REG	Inorganic	SW-846:6020	Lead	Pb	Y	0.764	—	—	0.5	µg/L	Y	J	J	N3B-2019-315	CAPA-19-163689	GELC
03-B-13	21.5	10/31/2018	F	INIT	FD	Inorganic	SW-846:6020	Lead	Pb	Y	1	—	—	0.5	µg/L	Y	J	J	N3B-2019-315	CAPA-19-163692	GELC
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	3.03	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248748	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 (ft)	Sample Date	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
03-B-13	21.5	04/13/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.79	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-1271	CAPA-21-221769	GELC
03-B-13	21.5	09/14/2020	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.77	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1762	CAPA-20-206517	GELC
03-B-13	21.5	04/16/2019	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	10.2	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1400	CAPA-19-171717	GELC
03-B-13	21.5	10/31/2018	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.01	—	—	0.11	mg/L	Y	—	J+	N3B-2019-315	CAPA-19-163689	GELC
03-B-13	21.5	10/31/2018	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.14	—	—	0.11	mg/L	Y	—	J+	N3B-2019-315	CAPA-19-163692	GELC
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	Y	9.98	—	—	2	µg/L	Y	J	J	N3B-2022-1232	CAPA-22-248748	GELC
03-B-13	21.5	04/13/2021	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	4.71	—	—	2	µg/L	Y	J	J	N3B-2021-1271	CAPA-21-221769	GELC
03-B-13	21.5	09/14/2020	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	15.5	—	—	2	µg/L	Y	—	NQ	N3B-2020-1762	CAPA-20-206517	GELC
03-B-13	21.5	04/16/2019	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	4.31	—	—	2	µg/L	Y	J	J	N3B-2019-1400	CAPA-19-171717	GELC
03-B-13	21.5	10/31/2018	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	8.86	—	—	2	µg/L	Y	J	J	N3B-2019-315	CAPA-19-163689	GELC
03-B-13	21.5	10/31/2018	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	Y	9.7	—	—	2	µg/L	Y	J	J	N3B-2019-315	CAPA-19-163692	GELC
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.305	—	—	0.2	µg/L	Y	J	J	N3B-2022-1232	CAPA-22-248748	GELC
03-B-13	21.5	04/13/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.3	—	—	0.2	µg/L	Y	J	J	N3B-2021-1271	CAPA-21-221769	GELC
03-B-13	21.5	09/14/2020	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.461	—	—	0.2	µg/L	Y	J	J	N3B-2020-1762	CAPA-20-206517	GELC
03-B-13	21.5	04/16/2019	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.483	—	—	0.2	µg/L	Y	J	J	N3B-2019-1400	CAPA-19-171717	GELC
03-B-13	21.5	10/31/2018	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.292	—	—	0.2	µg/L	Y	J	J	N3B-2019-315	CAPA-19-163689	GELC
03-B-13	21.5	10/31/2018	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.329	—	—	0.2	µg/L	Y	J	J	N3B-2019-315	CAPA-19-163692	GELC
03-B-13	21.5	04/05/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.45	2.4	8.69	—	pCi/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC
03-B-13	21.5	04/13/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.907	1.54	5.5	—	pCi/L	Y	U	U	N3B-2021-1271	CAPA-21-221770	GELC
03-B-13	21.5	09/14/2020	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.92	2.8	10.1	—	pCi/L	Y	U	U	N3B-2020-1762	CAPA-20-206518	GELC
03-B-13	21.5	04/16/2019	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.18	1.74	6.5	—	pCi/L	Y	U	U	N3B-2019-1400	CAPA-19-171718	GELC
03-B-13	21.5	04/10/2018	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.248	2.4	9.09	—	pCi/L	Y	U	U	2018-2375	CAPA-18-152859	GELC
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.56	—	—	0.6	µg/L	Y	J	J	N3B-2022-1232	CAPA-22-248748	GELC
03-B-13	21.5	04/13/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.895	—	—	0.6	µg/L	Y	J	J	N3B-2021-1271	CAPA-21-221769	GELC
03-B-13	21.5	09/14/2020	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.1	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1762	CAPA-20-206517	GELC
03-B-13	21.5	04/16/2019	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	0.896	—	—	0.6	µg/L	Y	J	J	N3B-2019-1400	CAPA-19-171717	GELC
03-B-13	21.5	10/31/2018	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	1.34	—	—	0.6	µg/L	Y	J	J	N3B-2019-315	CAPA-19-163689	GELC
03-B-13	21.5	10/31/2018	F	INIT	FD	Inorganic	SW-846:6020	Nickel	Ni	Y	1.43	—	—	0.6	µg/L	Y	J	J	N3B-2019-315	CAPA-19-163692	GELC
03-B-13	21.5	04/05/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.741	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248748	GELC
03-B-13	21.5	04/13/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.57	—	—	0.085	mg/L	Y	—	NQ	N3B-2021-1271	CAPA-21-221769	GELC
03-B-13	21.5	09/14/2020	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.627	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1762	CAPA-20-206517	GELC
03-B-13	21.5	04/16/2019	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.09	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-1400	CAPA-19-171717	GELC
03-B-13	21.5	10/31/2018	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.38	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-315	CAPA-19-163689	GELC
03-B-13	21.5	10/31/2018	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.38	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-315	CAPA-19-163692	GELC
03-B-13	21.5	04/05/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.118	—	—	0.05	µg/L	Y	J	J	N3B-2022-1232	CAPA-22-248748	GELC
03-B-13	21.5	04/13/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.119	—	—	0.05	µg/L	Y	J	J	N3B-2021-1271	CAPA-21-221769	GELC
03-B-13	21.5	09/14/2020	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.162	—	—	0.05	µg/L	Y	J	J	N3B-2020-1762	CAPA-20-206517	GELC
03-B-13	21.5	04/16/2019	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.141	—	—	0.05	µg/L	Y	J	J	N3B-2019-1400	CAPA-19-171717	GELC
03-B-13	21.5	10/31/2018	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.0604	—	—	0.05	µg/L	Y	J	J	N3B-2019-315	CAPA-19-163689	GELC
03-B-13	21.5	10/31/2018	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.0529	—	—	0.05	µg/L	Y	J	J	N3B-2019-315	CAPA-19-163692	GELC
03-B-13	21.5	04/05/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00357	0.0138	0.0642	—	pCi/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC
03-B-13	21.5	04/13/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0138	0.0639	—	pCi/L	Y	U	U	N3B-2021-1271	CAPA-21-221770	GELC
03-B-13	21.5	09/14/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00303	0.01	0.0658	—	pCi/L	Y	U	U	N3B-2020-1762	CAPA-20-206518	GELC
03-B-13	21.5	04/16/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00612	0.00749	0.0863	—	pCi/L	Y	U	U	N3B-2019-1400	CAPA-19-171718	GELC
03-B-13	21.5	04/10/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00343	0.0171	0.0727	—	pCi/L	Y	U	U	2018-2375	CAPA-18-152859	GELC
03-B-13	21.5	04/05/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0357	0.0176	0.0966	—	pCi/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC
03-B-13	21.5	04/13/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0177	0.0125	0.0663	—	pCi/L	Y	U	U	N3B-2021-1271	CAPA-21-221770	GELC
03-B-13	21.5	09/14/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00000000303	0.0113	0.0891	—	pCi/L	Y	U	U	N3B-2020-1762	CAPA-20-206518	GELC
03-B-13	21.5	04/16/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0459	0.0147	0.0795	—	pCi/L	Y	U	U	N3B-2019-1400	CAPA-19-171718	GELC
03-B-13	21.5	04/10/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00686	0.0097	0.0784	—	pCi/L	Y	U	U	2018-2375	CAPA-18-152859	GELC
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	3.77	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248748	GELC
03-B-13	21.5	04/13/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.24	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1271	CAPA-21-221769	GELC
03-B-13	21.5	09/14/2020	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	5.15	—	—	0.05	mg/L	Y	E	NQ	N3B-2020-1762	CAPA-20-206517	GELC
03-B-13	21.5	04/16/2019	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	6.65	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1400	CAPA-19-171717	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 (ft)	Sample Date	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
03-B-13	21.5	10/31/2018	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	5.74	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-315	CAPA-19-163689	GELC
03-B-13	21.5	10/31/2018	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	5.89	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-315	CAPA-19-163692	GELC
03-B-13	21.5	04/05/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-25.6	21	78	—	pCi/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC
03-B-13	21.5	04/13/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.5	14.5	50.1	—	pCi/L	Y	U	U	N3B-2021-1271	CAPA-21-221770	GELC
03-B-13	21.5	09/14/2020	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-32.2	18.3	68.5	—	pCi/L	Y	U	U	N3B-2020-1762	CAPA-20-206518	GELC
03-B-13	21.5	04/16/2019	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-17.7	16	53.3	—	pCi/L	Y	U	U	N3B-2019-1400	CAPA-19-171718	GELC
03-B-13	21.5	04/10/2018	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	64.9	20.2	63.6	—	pCi/L	Y	UI	U	2018-2375	CAPA-18-152859	GELC
03-B-13	21.5	04/05/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	1.15	0.267	0.41	—	pCi/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248749	GELC
03-B-13	21.5	04/13/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.186	0.104	0.335	—	pCi/L	Y	U	UJ	N3B-2021-1271	CAPA-21-221770	GELC
03-B-13	21.5	09/14/2020	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.663	0.182	0.338	—	pCi/L	Y	—	NQ	N3B-2020-1762	CAPA-20-206518	GELC
03-B-13	21.5	03/01/2010	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.203	0.091	0.24	—	pCi/L	Y	U	U	10-2220	CAPA-10-12788	GELC
03-B-13	21.5	09/18/2008	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.584	0.19	0.49	—	pCi/L	Y	—	NQ	08-1983	CAPA-08-15026	GELC
03-B-13	21.5	04/05/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.47	0.313	—	—	pCi/L	Y	J	NQ	N3B-2022-1232	CAPA-22-248749	GELC
03-B-13	21.5	04/13/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.425	0.204	—	—	pCi/L	Y	—	UJ	N3B-2021-1271	CAPA-21-221770	GELC
03-B-13	21.5	09/14/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.975	0.252	—	—	pCi/L	Y	—	NQ	N3B-2020-1762	CAPA-20-206518	GELC
03-B-13	21.5	04/05/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.318	0.164	0.512	—	pCi/L	Y	U	UJ	N3B-2022-1232	CAPA-22-248749	GELC
03-B-13	21.5	04/13/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.239	0.175	0.591	—	pCi/L	Y	U	U	N3B-2021-1271	CAPA-21-221770	GELC
03-B-13	21.5	09/14/2020	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.312	0.174	0.571	—	pCi/L	Y	U	U	N3B-2020-1762	CAPA-20-206518	GELC
03-B-13	21.5	03/01/2010	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	1.12	0.29	0.66	—	pCi/L	Y	—	NQ	10-2220	CAPA-10-12788	GELC
03-B-13	21.5	09/18/2008	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.494	0.18	0.51	—	pCi/L	Y	U	U	08-1983	CAPA-08-15026	GELC
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	27	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248748	GELC
03-B-13	21.5	04/13/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	16.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-1271	CAPA-21-221769	GELC
03-B-13	21.5	09/14/2020	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	35.1	—	—	0.053	mg/L	Y	N	J+	N3B-2020-1762	CAPA-20-206517	GELC
03-B-13	21.5	04/16/2019	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	12.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1400	CAPA-19-171717	GELC
03-B-13	21.5	10/31/2018	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	22.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-315	CAPA-19-163689	GELC
03-B-13	21.5	10/31/2018	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	24.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-315	CAPA-19-163692	GELC
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	24.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248748	GELC
03-B-13	21.5	04/13/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	31	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-1271	CAPA-21-221769	GELC
03-B-13	21.5	09/14/2020	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	38.6	—	—	0.1	mg/L	Y	E	NQ	N3B-2020-1762	CAPA-20-206517	GELC
03-B-13	21.5	04/16/2019	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	87.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1400	CAPA-19-171717	GELC
03-B-13	21.5	10/31/2018	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	41.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-315	CAPA-19-163689	GELC
03-B-13	21.5	10/31/2018	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	42.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-315	CAPA-19-163692	GELC
03-B-13	21.5	04/05/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.685	1.37	5.77	—	pCi/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC
03-B-13	21.5	04/13/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.779	0.729	3.1	—	pCi/L	Y	U	U	N3B-2021-1271	CAPA-21-221770	GELC
03-B-13	21.5	09/14/2020	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.09	1.09	5.2	—	pCi/L	Y	U	U	N3B-2020-1762	CAPA-20-206518	GELC
03-B-13	21.5	04/16/2019	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.92	0.856	3.59	—	pCi/L	Y	U	U	N3B-2019-1400	CAPA-19-171718	GELC
03-B-13	21.5	04/10/2018	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.661	1.31	5.55	—	pCi/L	Y	U	U	2018-2375	CAPA-18-152859	GELC
03-B-13	21.5	04/05/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	237	—	—	1	µS/cm	Y	—	NQ	N3B-2022-1232	CAPA-22-248748	GELC
03-B-13	21.5	04/13/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	332	—	—	1	µScm	Y	—	NQ	N3B-2021-1271	CAPA-21-221769	GELC
03-B-13	21.5	09/14/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	296	—	—	1	µScm	Y	—	NQ	N3B-2020-1762	CAPA-20-206517	GELC
03-B-13	21.5	04/16/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	907	—	—	1	µScm	Y	—	NQ	N3B-2019-1400	CAPA-19-171717	GELC
03-B-13	21.5	10/31/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	433	—	—	1	µScm	Y	—	NQ	N3B-2019-315	CAPA-19-163689	GELC
03-B-13	21.5	10/31/2018	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	426	—	—	1	µScm	Y	—	NQ	N3B-2019-315	CAPA-19-163692	GELC
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	69.8	—	—	1	µg/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248748	GELC
03-B-13	21.5	04/13/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	91.2	—	—	1	µg/L	Y	—	NQ	N3B-2021-1271	CAPA-21-221769	GELC
03-B-13	21.5	09/14/2020	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	85.8	—	—	1	µg/L	Y	E	NQ	N3B-2020-1762	CAPA-20-206517	GELC
03-B-13	21.5	04/16/2019	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	264	—	—	1	µg/L	Y	—	NQ	N3B-2019-1400	CAPA-19-171717	GELC
03-B-13	21.5	10/31/2018	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	137	—	—	1	µg/L	Y	—	NQ	N3B-2019-315	CAPA-19-163689	GELC
03-B-13	21.5	10/31/2018	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	142	—	—	1	µg/L	Y	—	NQ	N3B-2019-315	CAPA-19-163692	GELC
03-B-13	21.5	04/05/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.337	0.154	0.487	—	pCi/L	Y	U	UJ	N3B-2022-1232	CAPA-22-248749	GELC
03-B-13	21.5	04/13/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.33	0.104	0.335	—	pCi/L	Y	U	UJ	N3B-2021-1271	CAPA-21-221770	GELC
03-B-13	21.5	09/14/2020	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.115	0.136	0.483	—	pCi/L	Y	U	U	N3B-2020-1762	CAPA-20-206518	GELC
03-B-13	21.5	04/16/2019	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.25	0.148	0.487	—	pCi/L	Y	U	U	N3B-2019-1400	CAPA-19-171718	GELC
03-B-13	21.5	04/10/2018	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.45	0.159	0.481	—	pCi/L	Y	U	U	2018-2375	CAPA-18-152859	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 (ft)	Sample Date	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
03-B-13	21.5	04/05/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.82	—	—	0.133	mg/L	Y	—	J+	N3B-2022-1232	CAPA-22-248748	GELC
03-B-13	21.5	04/13/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.88	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-1271	CAPA-21-221769	GELC
03-B-13	21.5	09/14/2020	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.09	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1762	CAPA-20-206517	GELC
03-B-13	21.5	04/16/2019	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	14.4	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1400	CAPA-19-171717	GELC
03-B-13	21.5	10/31/2018	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.74	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-315	CAPA-19-163689	GELC
03-B-13	21.5	10/31/2018	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.75	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-315	CAPA-19-163692	GELC
03-B-13	21.5	04/05/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	173	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248748	GELC
03-B-13	21.5	04/13/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	174	—	—	3.4	mg/L	Y	—	J+	N3B-2021-1271	CAPA-21-221769	GELC
03-B-13	21.5	09/14/2020	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	220	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1762	CAPA-20-206517	GELC
03-B-13	21.5	04/16/2019	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	513	—	—	3.4	mg/L	Y	—	J+	N3B-2019-1400	CAPA-19-171717	GELC
03-B-13	21.5	10/31/2018	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	353	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-315	CAPA-19-163689	GELC
03-B-13	21.5	10/31/2018	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	261	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-315	CAPA-19-163692	GELC
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.252	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248748	GELC
03-B-13	21.5	04/13/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	N	0.165	—	—	0.067	µg/L	Y	J	U	N3B-2021-1271	CAPA-21-221769	GELC
03-B-13	21.5	09/14/2020	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.475	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1762	CAPA-20-206517	GELC
03-B-13	21.5	04/16/2019	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	N	0.211	—	—	0.067	µg/L	Y	—	U	N3B-2019-1400	CAPA-19-171717	GELC
03-B-13	21.5	10/31/2018	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.274	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-315	CAPA-19-163689	GELC
03-B-13	21.5	10/31/2018	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	0.297	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-315	CAPA-19-163692	GELC
03-B-13	21.5	04/05/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.125	0.0205	0.0479	—	pCi/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248749	GELC
03-B-13	21.5	04/13/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.093	0.0203	0.0769	—	pCi/L	Y	—	NQ	N3B-2021-1271	CAPA-21-221770	GELC
03-B-13	21.5	09/14/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.325	0.0334	0.0641	—	pCi/L	Y	—	NQ	N3B-2020-1762	CAPA-20-206518	GELC
03-B-13	21.5	04/16/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.112	0.0218	0.0892	—	pCi/L	Y	—	NQ	N3B-2019-1400	CAPA-19-171718	GELC
03-B-13	21.5	04/10/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.529	0.0397	0.105	—	pCi/L	Y	—	NQ	2018-2375	CAPA-18-152859	GELC
03-B-13	21.5	04/05/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00916	0.0081	0.0348	—	pCi/L	Y	U	U	N3B-2022-1232	CAPA-22-248749	GELC
03-B-13	21.5	04/13/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00379	0.01	0.0758	—	pCi/L	Y	U	U	N3B-2021-1271	CAPA-21-221770	GELC
03-B-13	21.5	09/14/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0372	0.0131	0.0416	—	pCi/L	Y	U	U	N3B-2020-1762	CAPA-20-206518	GELC
03-B-13	21.5	04/16/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0236	0.0101	0.0647	—	pCi/L	Y	U	U	N3B-2019-1400	CAPA-19-171718	GELC
03-B-13	21.5	04/10/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0887	0.0184	0.0497	—	pCi/L	Y	—	J	2018-2375	CAPA-18-152859	GELC
03-B-13	21.5	04/05/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0989	0.0185	0.0444	—	pCi/L	Y	—	NQ	N3B-2022-1232	CAPA-22-248749	GELC
03-B-13	21.5	04/13/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.101	0.0186	0.0774	—	pCi/L	Y	—	NQ	N3B-2021-1271	CAPA-21-221770	GELC
03-B-13	21.5	09/14/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.252	0.0282	0.0572	—	pCi/L	Y	—	NQ	N3B-2020-1762	CAPA-20-206518	GELC
03-B-13	21.5	04/16/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0928	0.0181	0.0653	—	pCi/L	Y	—	NQ	N3B-2019-1400	CAPA-19-171718	GELC
03-B-13	21.5	04/10/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.342	0.0318	0.0642	—	pCi/L	Y	—	NQ	2018-2375	CAPA-18-152859	GELC
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	3.16	—	—	1	µg/L	Y	J	J	N3B-2022-1232	CAPA-22-248748	GELC
03-B-13	21.5	04/13/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	N	1	—	—	1	µg/L	Y	U	U	N3B-2021-1271	CAPA-21-221769	GELC
03-B-13	21.5	09/14/2020	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.48	—	—	1	µg/L	Y	J	J	N3B-2020-1762	CAPA-20-206517	GELC
03-B-13	21.5	04/16/2019	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-1400	CAPA-19-171717	GELC
03-B-13	21.5	10/31/2018	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.5	—	—	1	µg/L	Y	J	J	N3B-2019-315	CAPA-19-163689	GELC
03-B-13	21.5	10/31/2018	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	1.67	—	—	1	µg/L	Y	J	J	N3B-2019-315	CAPA-19-163692	GELC
03-B-13	21.5	04/05/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	17.7	—	—	3.3	µg/L	Y	J	J	N3B-2022-1232	CAPA-22-248748	GELC
03-B-13	21.5	04/13/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	6.56	—	—	3.3	µg/L	Y	J	J	N3B-2021-1271	CAPA-21-221769	GELC
03-B-13	21.5	09/14/2020	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	26.3	—	—	3.3	µg/L	Y	—	U	N3B-2020-1762	CAPA-20-206517	GELC
03-B-13	21.5	04/16/2019	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	6.3	—	—	3.3	µg/L	Y	J	J	N3B-2019-1400	CAPA-19-171717	GELC
03-B-13	21.5	10/31/2018	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	9.4	—	—	3.3	µg/L	Y	J	J	N3B-2019-315	CAPA-19-163689	GELC
03-B-13	21.5	10/31/2018	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	Y	11.4	—	—	3.3	µg/L	Y	—	NQ	N3B-2019-315	CAPA-19-163692	GELC
18-MW-18	12.5	04/11/2022	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.72	—	—	0.01	SU	Y	H	J	N3B-2022-1272	CAPA-22-248744	GELC
18-MW-18	12.5	04/12/2021	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.1	—	—	0.01	SU	Y	H	J	N3B-2021-1257	CAPA-21-221763	GELC
18-MW-18	12.5	09/16/2020	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.06	—	—	0.01	SU	Y	H	NQ	N3B-2020-1820	CAPA-20-206513	GELC
18-MW-18	12.5	10/31/2019	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-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	04/17/2019	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.14	—	—	0.01	SU	Y	H	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.11	—	—	0.01	SU	Y	H	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/11/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC
18-MW-18	12.5	04/12/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-1257	CAPA-21-221763	GELC
18-MW-18	12.5	09/16/2020	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1820	CAPA-20-206513	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 (ft)	Sample Date	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
18-MW-18	12.5	10/31/2019	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	90.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	04/17/2019	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	52.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	51.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	Y	90.5	—	—	68	µg/L	Y	J	J	N3B-2022-1272	CAPA-22-248744	GELC
18-MW-18	12.5	04/12/2021	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	135	—	—	68	µg/L	Y	J	J	N3B-2021-1257	CAPA-21-221763	GELC
18-MW-18	12.5	09/16/2020	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	321	—	—	68	µg/L	Y	—	NQ	N3B-2020-1820	CAPA-20-206513	GELC
18-MW-18	12.5	10/31/2019	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	131	—	—	68	µg/L	Y	J	J	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	04/17/2019	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68	—	—	68	µg/L	Y	U	U	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68	—	—	68	µg/L	Y	U	U	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/11/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00759	0.0104	0.0426	—	pCi/L	Y	U	U	N3B-2022-1272	CAPA-22-248745	GELC
18-MW-18	12.5	04/12/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0221	0.104	—	pCi/L	Y	U	U	N3B-2021-1257	CAPA-21-221764	GELC
18-MW-18	12.5	09/16/2020	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0077	0.0109	0.0698	—	pCi/L	Y	U	UJ	N3B-2020-1820	CAPA-20-206514	GELC
18-MW-18	12.5	10/31/2019	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00424	0.00424	0.0425	—	pCi/L	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	04/17/2019	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0208	0.0244	0.0723	—	pCi/L	Y	U	U	N3B-2019-1414	CAPA-19-171710	GELC
18-MW-18	12.5	04/17/2019	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00861	0.0125	0.0697	—	pCi/L	Y	U	U	N3B-2019-1414	CAPA-19-171713	GELC
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	584	—	—	1	µg/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC
18-MW-18	12.5	04/12/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	485	—	—	1	µg/L	Y	—	NQ	N3B-2021-1257	CAPA-21-221763	GELC
18-MW-18	12.5	09/16/2020	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	500	—	—	1	µg/L	Y	—	NQ	N3B-2020-1820	CAPA-20-206513	GELC
18-MW-18	12.5	10/31/2019	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	258	—	—	1	µg/L	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	04/17/2019	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	1140	—	—	1	µg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	1120	—	—	1	µg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	18.6	—	—	15	µg/L	Y	J	J	N3B-2022-1272	CAPA-22-248744	GELC
18-MW-18	12.5	04/12/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	27.6	—	—	15	µg/L	Y	J	J	N3B-2021-1257	CAPA-21-221763	GELC
18-MW-18	12.5	09/16/2020	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	35.2	—	—	15	µg/L	Y	J	J	N3B-2020-1820	CAPA-20-206513	GELC
18-MW-18	12.5	10/31/2019	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	28.6	—	—	15	µg/L	Y	J	J	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	04/17/2019	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	31.9	—	—	15	µg/L	Y	J	J	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	30.8	—	—	15	µg/L	Y	J	J	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/11/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.131	—	—	0.067	mg/L	Y	J	J	N3B-2022-1272	CAPA-22-248744	GELC
18-MW-18	12.5	04/12/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.932	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-1257	CAPA-21-221763	GELC
18-MW-18	12.5	09/16/2020	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.155	—	—	0.067	mg/L	Y	J	J	N3B-2020-1820	CAPA-20-206513	GELC
18-MW-18	12.5	10/31/2019	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.108	—	—	0.067	mg/L	Y	J	J	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	04/17/2019	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	1.36	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	1.35	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	101	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC
18-MW-18	12.5	04/12/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	79	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1257	CAPA-21-221763	GELC
18-MW-18	12.5	09/16/2020	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	74.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1820	CAPA-20-206513	GELC
18-MW-18	12.5	10/31/2019	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	37.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	04/17/2019	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	190	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	185	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/11/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.46	2.01	6.71	—	pCi/L	Y	U	U	N3B-2022-1272	CAPA-22-248745	GELC
18-MW-18	12.5	04/12/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.51	1.96	5.17	—	pCi/L	Y	U	UJ	N3B-2021-1257	CAPA-21-221764	GELC
18-MW-18	12.5	09/16/2020	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.325	1.23	4.25	—	pCi/L	Y	U	U	N3B-2020-1820	CAPA-20-206514	GELC
18-MW-18	12.5	10/31/2019	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.358	1.43	5.06	—	pCi/L	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	04/17/2019	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.16	0.925	3.78	—	pCi/L	Y	U	U	N3B-2019-1414	CAPA-19-171710	GELC
18-MW-18	12.5	04/17/2019	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.778	0.708	2.38	—	pCi/L	Y	U	U	N3B-2019-1414	CAPA-19-171713	GELC
18-MW-18	12.5	04/11/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	346	—	—	3.35	mg/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC
18-MW-18	12.5	04/12/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	287	—	—	3.35	mg/L	Y	—	NQ	N3B-2021-1257	CAPA-21-221763	GELC
18-MW-18	12.5	09/16/2020	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	332	—	—	3.35	mg/L	Y	—	NQ	N3B-2020-1820	CAPA-20-206513	GELC
18-MW-18	12.5	10/31/2019	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	206	—	—	3.35	mg/L	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	04/17/2019	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	847	—	—	13.4	mg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	849	—	—	13.4	mg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/11/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0311	1.55	6.07	—	pCi/L	Y	U	U	N3B-2022-1272	CAPA-22-248745	GELC
18-MW-18	12.5	04/12/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.95	1.74	6.81	—	pCi/L	Y	U	UJ	N3B-2021-1257	CAPA-21-221764	GELC
18-MW-18	12.5	09/16/2020	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.29	1.06	5.07	—	pCi/L	Y	U	U	N3B-2020-1820	CAPA-20-206514	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 (ft)	Sample Date	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
18-MW-18	12.5	10/31/2019	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.733	0.999	4.52	—	pCi/L	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	04/17/2019	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.262	1.06	3.89	—	pCi/L	Y	U	U	N3B-2019-1414	CAPA-19-171710	GELC
18-MW-18	12.5	04/17/2019	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.42	0.998	3.26	—	pCi/L	Y	U	U	N3B-2019-1414	CAPA-19-171713	GELC
18-MW-18	12.5	04/11/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.195	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC
18-MW-18	12.5	04/12/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.12	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1257	CAPA-21-221763	GELC
18-MW-18	12.5	09/16/2020	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.12	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1820	CAPA-20-206513	GELC
18-MW-18	12.5	10/31/2019	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.198	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	04/17/2019	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.178	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.137	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/11/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.486	0.818	2.99	—	pCi/L	Y	U	U	N3B-2022-1272	CAPA-22-248745	GELC
18-MW-18	12.5	04/12/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.676	0.68	2.79	—	pCi/L	Y	U	UJ	N3B-2021-1257	CAPA-21-221764	GELC
18-MW-18	12.5	09/16/2020	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0373	0.662	2.96	—	pCi/L	Y	U	U	N3B-2020-1820	CAPA-20-206514	GELC
18-MW-18	12.5	10/31/2019	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	2.87	1.12	2.83	—	pCi/L	Y	—	NQ	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	04/17/2019	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	7.38	1.79	4.48	—	pCi/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171710	GELC
18-MW-18	12.5	04/17/2019	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	2.21	1.55	5.19	—	pCi/L	Y	U	U	N3B-2019-1414	CAPA-19-171713	GELC
18-MW-18	12.5	04/11/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	6.58	1.07	2.86	—	pCi/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248745	GELC
18-MW-18	12.5	04/12/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	8.1	1.22	3	—	pCi/L	Y	—	J	N3B-2021-1257	CAPA-21-221764	GELC
18-MW-18	12.5	09/16/2020	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	7.22	1.01	2.58	—	pCi/L	Y	—	NQ	N3B-2020-1820	CAPA-20-206514	GELC
18-MW-18	12.5	10/31/2019	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	11.9	1.31	3.34	—	pCi/L	Y	—	NQ	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	04/17/2019	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	13.4	1.81	5.25	—	pCi/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171710	GELC
18-MW-18	12.5	04/17/2019	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	13.3	1.94	5.89	—	pCi/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171713	GELC
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	391	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC
18-MW-18	12.5	04/12/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	300	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-1257	CAPA-21-221763	GELC
18-MW-18	12.5	09/16/2020	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	283	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1820	CAPA-20-206513	GELC
18-MW-18	12.5	10/31/2019	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	142	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	04/17/2019	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	710	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	695	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	Y	72.9	—	—	30	µg/L	Y	J	J	N3B-2022-1272	CAPA-22-248744	GELC
18-MW-18	12.5	04/12/2021	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	106	—	—	30	µg/L	Y	—	NQ	N3B-2021-1257	CAPA-21-221763	GELC
18-MW-18	12.5	09/16/2020	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	170	—	—	30	µg/L	Y	—	NQ	N3B-2020-1820	CAPA-20-206513	GELC
18-MW-18	12.5	10/31/2019	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	73.7	—	—	30	µg/L	Y	J	J	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	04/17/2019	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	33.6	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC
18-MW-18	12.5	04/12/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	24.9	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-1257	CAPA-21-221763	GELC
18-MW-18	12.5	09/16/2020	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	23.4	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1820	CAPA-20-206513	GELC
18-MW-18	12.5	10/31/2019	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	11.7	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	04/17/2019	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	56.9	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	56.4	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	Y	2.98	—	—	2	µg/L	Y	J	J	N3B-2022-1272	CAPA-22-248744	GELC
18-MW-18	12.5	04/12/2021	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2021-1257	CAPA-21-221763	GELC
18-MW-18	12.5	09/16/2020	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	3.1	—	—	2	µg/L	Y	J	J	N3B-2020-1820	CAPA-20-206513	GELC
18-MW-18	12.5	10/31/2019	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	04/17/2019	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.34	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC
18-MW-18	12.5	04/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.36	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-1257	CAPA-21-221763	GELC
18-MW-18	12.5	09/16/2020	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.83	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1820	CAPA-20-206513	GELC
18-MW-18	12.5	10/31/2019	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.44	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	04/17/2019	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.783	—	—	0.2	µg/L	Y	J	J	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.746	—	—	0.2	µg/L	Y	J	J	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/11/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.03	2.44	7.9	—	pCi/L	Y	U	U	N3B-2022-1272	CAPA-22-248745	GELC
18-MW-18	12.5	04/12/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-5.7	2.4	8.01	—	pCi/L	Y	U	UJ	N3B-2021-1257	CAPA-21-221764	GELC
18-MW-18	12.5	09/16/2020	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.88	2.43	7.68	—	pCi/L	Y	U	U	N3B-2020-1820	CAPA-20-206514	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 (ft)	Sample Date	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
18-MW-18	12.5	10/31/2019	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.23	2.48	8.58	—	pCi/L	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	04/17/2019	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.31	2.02	7.42	—	pCi/L	Y	U	U	N3B-2019-1414	CAPA-19-171710	GELC
18-MW-18	12.5	04/17/2019	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.8	2.37	7.04	—	pCi/L	Y	U	U	N3B-2019-1414	CAPA-19-171713	GELC
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	5.88	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC
18-MW-18	12.5	04/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.29	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-1257	CAPA-21-221763	GELC
18-MW-18	12.5	09/16/2020	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.31	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1820	CAPA-20-206513	GELC
18-MW-18	12.5	10/31/2019	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.18	—	—	0.6	µg/L	Y	J	J	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	04/17/2019	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	0.771	—	—	0.6	µg/L	Y	J	J	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	F	INIT	FD	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/11/2022	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-2022-1272	CAPA-22-248744	GELC
18-MW-18	12.5	04/12/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.93	—	—	0.17	mg/L	Y	—	NQ	N3B-2021-1257	CAPA-21-221763	GELC
18-MW-18	12.5	09/16/2020	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.87	—	—	0.17	mg/L	Y	—	J+	N3B-2020-1820	CAPA-20-206513	GELC
18-MW-18	12.5	10/31/2019	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.69	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	04/17/2019	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	10.9	—	—	0.85	mg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	9.7	—	—	0.85	mg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/11/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.259	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC
18-MW-18	12.5	04/12/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.256	—	—	0.05	µg/L	Y	—	J	N3B-2021-1257	CAPA-21-221763	GELC
18-MW-18	12.5	09/16/2020	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.25	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1820	CAPA-20-206513	GELC
18-MW-18	12.5	10/31/2019	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.254	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	04/17/2019	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.543	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.534	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/11/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00853	0.0121	0.0767	—	pCi/L	Y	U	U	N3B-2022-1272	CAPA-22-248745	GELC
18-MW-18	12.5	04/12/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00418	0.0192	0.0906	—	pCi/L	Y	U	U	N3B-2021-1257	CAPA-21-221764	GELC
18-MW-18	12.5	09/16/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00551	0.0103	0.0598	—	pCi/L	Y	U	UJ	N3B-2020-1820	CAPA-20-206514	GELC
18-MW-18	12.5	10/31/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0059	0.00722	0.0535	—	pCi/L	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	04/17/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00907	0.01	0.0853	—	pCi/L	Y	U	U	N3B-2019-1414	CAPA-19-171710	GELC
18-MW-18	12.5	04/17/2019	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0147	0.00851	0.0693	—	pCi/L	Y	U	U	N3B-2019-1414	CAPA-19-171713	GELC
18-MW-18	12.5	04/11/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00426	0.0141	0.115	—	pCi/L	Y	U	U	N3B-2022-1272	CAPA-22-248745	GELC
18-MW-18	12.5	04/12/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0167	0.094	—	pCi/L	Y	U	U	N3B-2021-1257	CAPA-21-221764	GELC
18-MW-18	12.5	09/16/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0055	0.0123	0.081	—	pCi/L	Y	U	UJ	N3B-2020-1820	CAPA-20-206514	GELC
18-MW-18	12.5	10/31/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00295	0.0078	0.0519	—	pCi/L	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	04/17/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00605	0.0135	0.0786	—	pCi/L	Y	U	U	N3B-2019-1414	CAPA-19-171710	GELC
18-MW-18	12.5	04/17/2019	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00737	0.00886	0.0638	—	pCi/L	Y	U	U	N3B-2019-1414	CAPA-19-171713	GELC
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	9.19	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC
18-MW-18	12.5	04/12/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	8.68	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1257	CAPA-21-221763	GELC
18-MW-18	12.5	09/16/2020	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	9.69	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1820	CAPA-20-206513	GELC
18-MW-18	12.5	10/31/2019	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	7.41	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	04/17/2019	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	14	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	14.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/11/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	18.3	21.9	85.6	—	pCi/L	Y	U	U	N3B-2022-1272	CAPA-22-248745	GELC
18-MW-18	12.5	04/12/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-49	22.2	70.3	—	pCi/L	Y	U	UJ	N3B-2021-1257	CAPA-21-221764	GELC
18-MW-18	12.5	09/16/2020	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-16.8	16.4	63.9	—	pCi/L	Y	U	U	N3B-2020-1820	CAPA-20-206514	GELC
18-MW-18	12.5	10/31/2019	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-29.7	16.2	61.5	—	pCi/L	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	04/17/2019	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	6.86	15.8	28.3	—	pCi/L	Y	U	U	N3B-2019-1414	CAPA-19-171710	GELC
18-MW-18	12.5	04/17/2019	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	13.2	17.3	34.8	—	pCi/L	Y	U	U	N3B-2019-1414	CAPA-19-171713	GELC
18-MW-18	12.5	04/11/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	1.33	0.289	0.408	—	pCi/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248745	GELC
18-MW-18	12.5	04/12/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.651	0.151	0.283	—	pCi/L	Y	—	NQ	N3B-2021-1257	CAPA-21-221764	GELC
18-MW-18	12.5	09/16/2020	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0	0.106	0.439	—	pCi/L	Y	U	U	N3B-2020-1820	CAPA-20-206514	GELC
18-MW-18	12.5	10/31/2019	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.647	0.172	0.309	—	pCi/L	Y	—	NQ	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	04/11/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	2.22	0.43	—	—	pCi/L	Y	J	J	N3B-2022-1272	CAPA-22-248745	GELC
18-MW-18	12.5	04/12/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.19	0.292	—	—	pCi/L	Y	—	NQ	N3B-2021-1257	CAPA-21-221764	GELC
18-MW-18	12.5	09/16/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.212	0.155	—	—	pCi/L	Y	—	U	N3B-2020-1820	CAPA-20-206514	GELC
18-MW-18	12.5	10/31/2019	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.986	0.258	—	—	pCi/L	Y	—	NQ	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	04/11/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.893	0.319	0.923	—	pCi/L	Y	U	UJ	N3B-2022-1272	CAPA-22-248745	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 (ft)	Sample Date	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
18-MW-18	12.5	04/12/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.542	0.25	0.783	—	pCi/L	Y	U	UJ	N3B-2021-1257	CAPA-21-221764	GELC
18-MW-18	12.5	09/16/2020	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.212	0.113	0.366	—	pCi/L	Y	U	U	N3B-2020-1820	CAPA-20-206514	GELC
18-MW-18	12.5	10/31/2019	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.339	0.193	0.634	—	pCi/L	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	43.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC
18-MW-18	12.5	04/12/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	39.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-1257	CAPA-21-221763	GELC
18-MW-18	12.5	09/16/2020	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	38.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1820	CAPA-20-206513	GELC
18-MW-18	12.5	10/31/2019	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	31.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	04/17/2019	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	31.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	29	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	75.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC
18-MW-18	12.5	04/12/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	90.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-1257	CAPA-21-221763	GELC
18-MW-18	12.5	09/16/2020	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	136	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1820	CAPA-20-206513	GELC
18-MW-18	12.5	10/31/2019	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	109	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	04/17/2019	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	274	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	269	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/11/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.16	1.45	5.13	—	pCi/L	Y	U	U	N3B-2022-1272	CAPA-22-248745	GELC
18-MW-18	12.5	04/12/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.67	1.77	4.52	—	pCi/L	Y	U	UJ	N3B-2021-1257	CAPA-21-221764	GELC
18-MW-18	12.5	09/16/2020	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.37	0.97	4.48	—	pCi/L	Y	U	U	N3B-2020-1820	CAPA-20-206514	GELC
18-MW-18	12.5	10/31/2019	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.254	1.42	5.63	—	pCi/L	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	04/17/2019	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.967	0.991	3.37	—	pCi/L	Y	U	U	N3B-2019-1414	CAPA-19-171710	GELC
18-MW-18	12.5	04/17/2019	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	1.09	1.12	4.67	—	pCi/L	Y	U	U	N3B-2019-1414	CAPA-19-171713	GELC
18-MW-18	12.5	04/11/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	1360	—	—	1	µScm	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC
18-MW-18	12.5	04/12/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	1290	—	—	1	µScm	Y	—	NQ	N3B-2021-1257	CAPA-21-221763	GELC
18-MW-18	12.5	09/16/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	1480	—	—	1	µScm	Y	—	NQ	N3B-2020-1820	CAPA-20-206513	GELC
18-MW-18	12.5	10/31/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	973	—	—	1	µScm	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	04/17/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	2930	—	—	1	µScm	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	2900	—	—	1	µScm	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	748	—	—	1	µg/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC
18-MW-18	12.5	04/12/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	561	—	—	1	µg/L	Y	—	NQ	N3B-2021-1257	CAPA-21-221763	GELC
18-MW-18	12.5	09/16/2020	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	570	—	—	1	µg/L	Y	—	NQ	N3B-2020-1820	CAPA-20-206513	GELC
18-MW-18	12.5	10/31/2019	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	281	—	—	1	µg/L	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	04/17/2019	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	1360	—	—	1	µg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	1350	—	—	1	µg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/11/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.448	0.158	0.466	—	pCi/L	Y	U	UJ	N3B-2022-1272	CAPA-22-248745	GELC
18-MW-18	12.5	04/12/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0196	0.0557	0.189	—	pCi/L	Y	U	U	N3B-2021-1257	CAPA-21-221764	GELC
18-MW-18	12.5	09/16/2020	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.246	0.127	0.482	—	pCi/L	Y	U	U	N3B-2020-1820	CAPA-20-206514	GELC
18-MW-18	12.5	10/31/2019	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.253	0.144	0.471	—	pCi/L	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	04/17/2019	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.28	0.124	0.535	—	pCi/L	Y	U	U	N3B-2019-1414	CAPA-19-171710	GELC
18-MW-18	12.5	04/17/2019	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.131	0.154	0.536	—	pCi/L	Y	U	U	N3B-2019-1414	CAPA-19-171713	GELC
18-MW-18	12.5	04/11/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	27.1	—	—	6.65	mg/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC
18-MW-18	12.5	04/12/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	20.7	—	—	0.266	mg/L	Y	—	NQ	N3B-2021-1257	CAPA-21-221763	GELC
18-MW-18	12.5	09/16/2020	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	30.5	—	—	6.65	mg/L	Y	—	NQ	N3B-2020-1820	CAPA-20-206513	GELC
18-MW-18	12.5	10/31/2019	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	27.4	—	—	6.65	mg/L	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	04/17/2019	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	41.4	—	—	0.665	mg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	39.8	—	—	0.665	mg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/11/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	733	—	—	3.4	mg/L	Y	—	J	N3B-2022-1272	CAPA-22-248744	GELC
18-MW-18	12.5	04/12/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	774	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-1257	CAPA-21-221763	GELC
18-MW-18	12.5	09/16/2020	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	753	—	—	3.4	mg/L	Y	—	J	N3B-2020-1820	CAPA-20-206513	GELC
18-MW-18	12.5	10/31/2019	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	540	—	—	3.4	mg/L	Y	—	J+	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	04/17/2019	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	2050	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	2180	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/11/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.204	—	—	0.033	mg/L	Y	H	J	N3B-2022-1272	CAPA-22-248745	GELC
18-MW-18	12.5	04/12/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.106	—	—	0.033	mg/L	Y	—	J+	N3B-2021-1257	CAPA-21-221764	GELC
18-MW-18	12.5	09/16/2020	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.134	—	—	0.033	mg/L	Y	—	U	N3B-2020-1820	CAPA-20-206514	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 (ft)	Sample Date	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
18-MW-18	12.5	10/31/2019	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.352	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	04/17/2019	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.193	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171710	GELC
18-MW-18	12.5	04/17/2019	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.164	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171713	GELC
18-MW-18	12.5	04/11/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.706	—	—	0.33	mg/L	Y	J	J	N3B-2022-1272	CAPA-22-248745	GELC
18-MW-18	12.5	04/12/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.782	—	—	0.33	mg/L	Y	J	J	N3B-2021-1257	CAPA-21-221764	GELC
18-MW-18	12.5	09/16/2020	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	1.29	—	—	0.33	mg/L	Y	—	NQ	N3B-2020-1820	CAPA-20-206514	GELC
18-MW-18	12.5	10/31/2019	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	1.86	—	—	0.33	mg/L	Y	—	NQ	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	04/17/2019	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.93	—	—	0.33	mg/L	Y	J	J	N3B-2019-1414	CAPA-19-171710	GELC
18-MW-18	12.5	04/17/2019	UF	INIT	FD	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.928	—	—	0.33	mg/L	Y	J	J	N3B-2019-1414	CAPA-19-171713	GELC
18-MW-18	12.5	04/11/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.279	—	—	0.02	mg/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248744	GELC
18-MW-18	12.5	04/12/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0527	—	—	0.02	mg/L	Y	—	U	N3B-2021-1257	CAPA-21-221763	GELC
18-MW-18	12.5	09/16/2020	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.118	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1820	CAPA-20-206513	GELC
18-MW-18	12.5	10/31/2019	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0492	—	—	0.02	mg/L	Y	J	U	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	04/17/2019	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0685	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0658	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.188	—	—	0.067	µg/L	Y	J	J	N3B-2022-1272	CAPA-22-248744	GELC
18-MW-18	12.5	04/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	N	0.228	—	—	0.067	µg/L	Y	—	U	N3B-2021-1257	CAPA-21-221763	GELC
18-MW-18	12.5	09/16/2020	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	N	0.383	—	—	0.067	µg/L	Y	—	U	N3B-2020-1820	CAPA-20-206513	GELC
18-MW-18	12.5	10/31/2019	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.344	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	04/17/2019	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.491	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	0.487	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171712	GELC
18-MW-18	12.5	04/11/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.0932	0.0196	0.0518	—	pCi/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248745	GELC
18-MW-18	12.5	04/12/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0784	0.0279	0.104	—	pCi/L	Y	U	UJ	N3B-2021-1257	CAPA-21-221764	GELC
18-MW-18	12.5	09/16/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.26	0.0341	0.0887	—	pCi/L	Y	—	NQ	N3B-2020-1820	CAPA-20-206514	GELC
18-MW-18	12.5	10/31/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.258	0.0287	0.0585	—	pCi/L	Y	—	NQ	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	04/17/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.288	0.031	0.0841	—	pCi/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171710	GELC
18-MW-18	12.5	04/17/2019	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.308	0.0265	0.065	—	pCi/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171713	GELC
18-MW-18	12.5	04/11/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.00934	0.0376	—	pCi/L	Y	U	U	N3B-2022-1272	CAPA-22-248745	GELC
18-MW-18	12.5	04/12/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00514	0.0136	0.103	—	pCi/L	Y	U	U	N3B-2021-1257	CAPA-21-221764	GELC
18-MW-18	12.5	09/16/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0327	0.0169	0.0576	—	pCi/L	Y	U	U	N3B-2020-1820	CAPA-20-206514	GELC
18-MW-18	12.5	10/31/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00988	0.0119	0.0416	—	pCi/L	Y	U	U	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	04/17/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00955	0.00842	0.0611	—	pCi/L	Y	U	U	N3B-2019-1414	CAPA-19-171710	GELC
18-MW-18	12.5	04/17/2019	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0197	0.0104	0.0472	—	pCi/L	Y	U	U	N3B-2019-1414	CAPA-19-171713	GELC
18-MW-18	12.5	04/11/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0694	0.0155	0.048	—	pCi/L	Y	—	NQ	N3B-2022-1272	CAPA-22-248745	GELC
18-MW-18	12.5	04/12/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0708	0.0216	0.105	—	pCi/L	Y	U	UJ	N3B-2021-1257	CAPA-21-221764	GELC
18-MW-18	12.5	09/16/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.11	0.0217	0.0792	—	pCi/L	Y	—	NQ	N3B-2020-1820	CAPA-20-206514	GELC
18-MW-18	12.5	10/31/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.157	0.0228	0.0685	—	pCi/L	Y	—	NQ	N3B-2020-266	CAPA-20-189112	GELC
18-MW-18	12.5	04/17/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.126	0.0214	0.0616	—	pCi/L	Y	—	J	N3B-2019-1414	CAPA-19-171710	GELC
18-MW-18	12.5	04/17/2019	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.147	0.0197	0.0476	—	pCi/L	Y	—	NQ	N3B-2019-1414	CAPA-19-171713	GELC
18-MW-18	12.5	04/11/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	15.4	—	—	3.3	µg/L	Y	J	J	N3B-2022-1272	CAPA-22-248744	GELC
18-MW-18	12.5	04/12/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	5.63	—	—	3.3	µg/L	Y	J	J	N3B-2021-1257	CAPA-21-221763	GELC
18-MW-18	12.5	09/16/2020	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	3.88	—	—	3.3	µg/L	Y	J	J	N3B-2020-1820	CAPA-20-206513	GELC
18-MW-18	12.5	10/31/2019	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.95	—	—	3.3	µg/L	Y	J	J	N3B-2020-266	CAPA-20-188570	GELC
18-MW-18	12.5	04/17/2019	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-1414	CAPA-19-171709	GELC
18-MW-18	12.5	04/17/2019	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-1414	CAPA-19-171712	GELC
Homestead Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.86	—	—	0.01	SU	Y	H	J	N3B-2022-1336	CAPA-22-248736	GELC
Homestead Spring	—	04/15/2021	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.15	—	—	0.01	SU	Y	H	J	N3B-2021-1319	CAPA-21-221757	GELC
Homestead Spring	—	09/17/2020	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.15	—	—	0.01	SU	Y	H	NQ	N3B-2020-1825	CAPA-20-206507	GELC
Homestead Spring	—	04/26/2019	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.76	—	—	0.01	SU	Y	H	NQ	N3B-2019-1633	CAPA-19-171703	GELC
Homestead Spring	—	04/18/2018	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.98	—	—	0.01	SU	Y	H	NQ	2018-2462	CAPA-18-152850	GELC
Homestead Spring	—	04/18/2018	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.93	—	—	0.01	SU	Y	H	NQ	2018-2462	CAPA-18-152874	GELC
Homestead Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	39.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248736	GELC
Homestead Spring	—	04/15/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	39.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-1319	CAPA-21-221757	GELC
Homestead Spring	—	09/17/2020	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206507	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 (ft)	Sample Date	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
Homestead Spring	—	04/26/2019	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	32.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171703	GELC
Homestead Spring	—	04/18/2018	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	38.6	—	—	1.45	mg/L	Y	—	NQ	2018-2462	CAPA-18-152850	GELC
Homestead Spring	—	04/18/2018	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	38	—	—	1.45	mg/L	Y	—	NQ	2018-2462	CAPA-18-152874	GELC
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	Y	618	—	—	68	µg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248736	GELC
Homestead Spring	—	04/15/2021	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	401	—	—	68	µg/L	Y	—	NQ	N3B-2021-1319	CAPA-21-221757	GELC
Homestead Spring	—	09/17/2020	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	275	—	—	68	µg/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206507	GELC
Homestead Spring	—	04/26/2019	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	1520	—	—	68	µg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171703	GELC
Homestead Spring	—	04/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	288	—	—	68	µg/L	Y	—	NQ	2018-2462	CAPA-18-152850	GELC
Homestead Spring	—	04/18/2018	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	Y	297	—	—	68	µg/L	Y	—	NQ	2018-2462	CAPA-18-152874	GELC
Homestead Spring	—	04/19/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00891	0.0107	0.05	—	pCi/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC
Homestead Spring	—	04/15/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0171	0.0161	0.0571	—	pCi/L	Y	U	U	N3B-2021-1319	CAPA-21-221758	GELC
Homestead Spring	—	09/17/2020	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.013	0.00809	0.0392	—	pCi/L	Y	U	U	N3B-2020-1825	CAPA-20-206508	GELC
Homestead Spring	—	04/26/2019	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00314	0.00702	0.0762	—	pCi/L	Y	U	U	N3B-2019-1633	CAPA-19-171704	GELC
Homestead Spring	—	04/18/2018	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00273	0.00906	0.0511	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152851	GELC
Homestead Spring	—	04/18/2018	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.006	0.00848	0.0561	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152876	GELC
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.06	—	—	2	µg/L	Y	J	J	N3B-2022-1336	CAPA-22-248736	GELC
Homestead Spring	—	04/15/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.09	—	—	2	µg/L	Y	J	J	N3B-2021-1319	CAPA-21-221757	GELC
Homestead Spring	—	09/17/2020	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-1825	CAPA-20-206507	GELC
Homestead Spring	—	04/26/2019	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.07	—	—	2	µg/L	Y	J	J	N3B-2019-1633	CAPA-19-171703	GELC
Homestead Spring	—	04/18/2018	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.27	—	—	2	µg/L	Y	J	J	2018-2462	CAPA-18-152850	GELC
Homestead Spring	—	04/18/2018	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	Y	2.76	—	—	2	µg/L	Y	J	J	2018-2462	CAPA-18-152874	GELC
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	38.5	—	—	1	µg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248736	GELC
Homestead Spring	—	04/15/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	34.2	—	—	1	µg/L	Y	—	NQ	N3B-2021-1319	CAPA-21-221757	GELC
Homestead Spring	—	09/17/2020	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	52.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206507	GELC
Homestead Spring	—	04/26/2019	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	38.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171703	GELC
Homestead Spring	—	04/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	31.8	—	—	1	µg/L	Y	—	NQ	2018-2462	CAPA-18-152850	GELC
Homestead Spring	—	04/18/2018	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	32.2	—	—	1	µg/L	Y	—	NQ	2018-2462	CAPA-18-152874	GELC
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	8.28	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248736	GELC
Homestead Spring	—	04/15/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	8.23	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1319	CAPA-21-221757	GELC
Homestead Spring	—	09/17/2020	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206507	GELC
Homestead Spring	—	04/26/2019	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	8.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171703	GELC
Homestead Spring	—	04/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	8.3	—	—	0.05	mg/L	Y	—	NQ	2018-2462	CAPA-18-152850	GELC
Homestead Spring	—	04/18/2018	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	8.42	—	—	0.05	mg/L	Y	—	NQ	2018-2462	CAPA-18-152874	GELC
Homestead Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.47	1.3	4.53	—	pCi/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC
Homestead Spring	—	04/15/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.696	0.755	2.81	—	pCi/L	Y	U	UJ	N3B-2021-1319	CAPA-21-221758	GELC
Homestead Spring	—	09/17/2020	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.74	1.33	4.04	—	pCi/L	Y	U	U	N3B-2020-1825	CAPA-20-206508	GELC
Homestead Spring	—	04/26/2019	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.177	0.93	3.23	—	pCi/L	Y	U	U	N3B-2019-1633	CAPA-19-171704	GELC
Homestead Spring	—	04/18/2018	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.017	1.97	6.25	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152851	GELC
Homestead Spring	—	04/18/2018	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.906	1.57	5.63	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152876	GELC
Homestead Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	24.4	—	—	0.335	mg/L	Y	—	J+	N3B-2022-1336	CAPA-22-248736	GELC
Homestead Spring	—	04/15/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	19.2	—	—	0.335	mg/L	Y	—	NQ	N3B-2021-1319	CAPA-21-221757	GELC
Homestead Spring	—	09/17/2020	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	21.2	—	—	0.335	mg/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206507	GELC
Homestead Spring	—	04/26/2019	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	11.3	—	—	0.134	mg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171703	GELC
Homestead Spring	—	04/18/2018	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	8.13	—	—	0.067	mg/L	Y	—	NQ	2018-2462	CAPA-18-152850	GELC
Homestead Spring	—	04/18/2018	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	8.19	—	—	0.067	mg/L	Y	—	NQ	2018-2462	CAPA-18-152874	GELC
Homestead Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.44	1.59	5.7	—	pCi/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC
Homestead Spring	—	04/15/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.49	0.751	2.8	—	pCi/L	Y	U	UJ	N3B-2021-1319	CAPA-21-221758	GELC
Homestead Spring	—	09/17/2020	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.727	1.43	5.79	—	pCi/L	Y	U	U	N3B-2020-1825	CAPA-20-206508	GELC
Homestead Spring	—	04/26/2019	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.279	0.823	2.96	—	pCi/L	Y	U	U	N3B-2019-1633	CAPA-19-171704	GELC
Homestead Spring	—	04/18/2018	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.967	1.39	6.06	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152851	GELC
Homestead Spring	—	04/18/2018	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.98	1.71	7.33	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152876	GELC
Homestead Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.136	—	—	0.033	mg/L	Y	—	J-	N3B-2022-1336	CAPA-22-248736	GELC
Homestead Spring	—	04/15/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.115	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1319	CAPA-21-221757	GELC
Homestead Spring	—	09/17/2020	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.0918	—	—	0.033	mg/L	Y	J	J	N3B-2020-1825	CAPA-20-206507	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 (ft)	Sample Date	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
Homestead Spring	—	04/26/2019	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.186	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171703	GELC
Homestead Spring	—	04/18/2018	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.147	—	—	0.033	mg/L	Y	—	NQ	2018-2462	CAPA-18-152850	GELC
Homestead Spring	—	04/18/2018	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.0697	—	—	0.033	mg/L	Y	J	J	2018-2462	CAPA-18-152874	GELC
Homestead Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.75	0.933	2.77	—	pCi/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248737	GELC
Homestead Spring	—	04/15/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.316	0.562	2.31	—	pCi/L	Y	U	U	N3B-2021-1319	CAPA-21-221758	GELC
Homestead Spring	—	09/17/2020	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.564	0.689	2.72	—	pCi/L	Y	U	U	N3B-2020-1825	CAPA-20-206508	GELC
Homestead Spring	—	04/26/2019	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	2.94	1.02	2.54	—	pCi/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171704	GELC
Homestead Spring	—	04/18/2018	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.298	0.271	0.913	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152851	GELC
Homestead Spring	—	04/18/2018	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0214	0.368	1.28	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152876	GELC
Homestead Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	25.9	1.81	2.61	—	pCi/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248737	GELC
Homestead Spring	—	04/15/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.54	0.898	2.73	—	pCi/L	Y	U	UJ	N3B-2021-1319	CAPA-21-221758	GELC
Homestead Spring	—	09/17/2020	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.59	0.861	2.53	—	pCi/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206508	GELC
Homestead Spring	—	04/26/2019	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.76	0.865	2.25	—	pCi/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171704	GELC
Homestead Spring	—	04/18/2018	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.08	0.711	1.97	—	pCi/L	Y	—	NQ	2018-2462	CAPA-18-152851	GELC
Homestead Spring	—	04/18/2018	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	0.316	0.759	2.63	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152876	GELC
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	31.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248736	GELC
Homestead Spring	—	04/15/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	31.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-1319	CAPA-21-221757	GELC
Homestead Spring	—	09/17/2020	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	51.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206507	GELC
Homestead Spring	—	04/26/2019	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	32.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171703	GELC
Homestead Spring	—	04/18/2018	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	31.6	—	—	0.453	mg/L	Y	—	NQ	2018-2462	CAPA-18-152850	GELC
Homestead Spring	—	04/18/2018	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	32.1	—	—	0.453	mg/L	Y	—	NQ	2018-2462	CAPA-18-152874	GELC
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	Y	276	—	—	30	µg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248736	GELC
Homestead Spring	—	04/15/2021	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	176	—	—	30	µg/L	Y	—	NQ	N3B-2021-1319	CAPA-21-221757	GELC
Homestead Spring	—	09/17/2020	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	131	—	—	30	µg/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206507	GELC
Homestead Spring	—	04/26/2019	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	726	—	—	30	µg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171703	GELC
Homestead Spring	—	04/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	136	—	—	30	µg/L	Y	—	NQ	2018-2462	CAPA-18-152850	GELC
Homestead Spring	—	04/18/2018	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	Y	151	—	—	30	µg/L	Y	—	NQ	2018-2462	CAPA-18-152874	GELC
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	2.58	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248736	GELC
Homestead Spring	—	04/15/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.6	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-1319	CAPA-21-221757	GELC
Homestead Spring	—	09/17/2020	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.43	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206507	GELC
Homestead Spring	—	04/26/2019	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.9	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171703	GELC
Homestead Spring	—	04/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.63	—	—	0.11	mg/L	Y	—	NQ	2018-2462	CAPA-18-152850	GELC
Homestead Spring	—	04/18/2018	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.7	—	—	0.11	mg/L	Y	—	NQ	2018-2462	CAPA-18-152874	GELC
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.42	—	—	0.2	µg/L	Y	J	J	N3B-2022-1336	CAPA-22-248736	GELC
Homestead Spring	—	04/15/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.365	—	—	0.2	µg/L	Y	J	J	N3B-2021-1319	CAPA-21-221757	GELC
Homestead Spring	—	09/17/2020	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.546	—	—	0.2	µg/L	Y	J	J	N3B-2020-1825	CAPA-20-206507	GELC
Homestead Spring	—	04/26/2019	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.425	—	—	0.2	µg/L	Y	J	J	N3B-2019-1633	CAPA-19-171703	GELC
Homestead Spring	—	04/18/2018	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.326	—	—	0.2	µg/L	Y	J	J	2018-2462	CAPA-18-152850	GELC
Homestead Spring	—	04/18/2018	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.306	—	—	0.2	µg/L	Y	J	J	2018-2462	CAPA-18-152874	GELC
Homestead Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.124	2.89	10.3	—	pCi/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC
Homestead Spring	—	04/15/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.21	1.68	5.68	—	pCi/L	Y	U	UJ	N3B-2021-1319	CAPA-21-221758	GELC
Homestead Spring	—	09/17/2020	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.37	2.99	11	—	pCi/L	Y	U	U	N3B-2020-1825	CAPA-20-206508	GELC
Homestead Spring	—	04/26/2019	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.604	1.71	6.07	—	pCi/L	Y	U	U	N3B-2019-1633	CAPA-19-171704	GELC
Homestead Spring	—	04/18/2018	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.556	2.8	10.1	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152851	GELC
Homestead Spring	—	04/18/2018	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.98	3.25	11.2	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152876	GELC
Homestead Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.124	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248736	GELC
Homestead Spring	—	04/15/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.109	—	—	0.017	mg/L	Y	—	J-	N3B-2021-1319	CAPA-21-221757	GELC
Homestead Spring	—	09/17/2020	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.205	—	—	0.017	mg/L	Y	—	J+	N3B-2020-1825	CAPA-20-206507	GELC
Homestead Spring	—	04/26/2019	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.275	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171703	GELC
Homestead Spring	—	04/18/2018	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.215	—	—	0.017	mg/L	Y	—	NQ	2018-2462	CAPA-18-152850	GELC
Homestead Spring	—	04/18/2018	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.216	—	—	0.017	mg/L	Y	—	NQ	2018-2462	CAPA-18-152874	GELC
Homestead Spring	—	04/19/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.186	—	—	0.05	µg/L	Y	J	J	N3B-2022-1336	CAPA-22-248736	GELC
Homestead Spring	—	04/15/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.174	—	—	0.05	µg/L	Y	J	J+	N3B-2021-1319	CAPA-21-221757	GELC
Homestead Spring	—	09/17/2020	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.12	—	—	0.05	µg/L	Y	J	J	N3B-2020-1825	CAPA-20-206507	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 (ft)	Sample Date	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
Homestead Spring	—	04/26/2019	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.387	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171703	GELC
Homestead Spring	—	08/10/2010	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.211	—	—	0.05	µg/L	Y	—	NQ	10-4109	CAPA-10-24013	GELC
Homestead Spring	—	04/19/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0109	0.0524	—	pCi/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC
Homestead Spring	—	04/15/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0186	0.0154	0.0502	—	pCi/L	Y	U	U	N3B-2021-1319	CAPA-21-221758	GELC
Homestead Spring	—	09/17/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0109	0.00842	0.0473	—	pCi/L	Y	U	U	N3B-2020-1825	CAPA-20-206508	GELC
Homestead Spring	—	04/26/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0053	0.00838	0.0748	—	pCi/L	Y	U	U	N3B-2019-1633	CAPA-19-171704	GELC
Homestead Spring	—	04/18/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00000000601	0.0131	0.0478	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152851	GELC
Homestead Spring	—	04/18/2018	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0137	0.0147	0.058	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152876	GELC
Homestead Spring	—	04/19/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0233	0.0117	0.0788	—	pCi/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC
Homestead Spring	—	04/15/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00927	0.0114	0.0521	—	pCi/L	Y	U	U	N3B-2021-1319	CAPA-21-221758	GELC
Homestead Spring	—	09/17/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00435	0.00753	0.064	—	pCi/L	Y	U	U	N3B-2020-1825	CAPA-20-206508	GELC
Homestead Spring	—	04/26/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0053	0.00918	0.0689	—	pCi/L	Y	U	U	N3B-2019-1633	CAPA-19-171704	GELC
Homestead Spring	—	04/18/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00676	0.00873	0.0516	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152851	GELC
Homestead Spring	—	04/18/2018	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0137	0.00986	0.0626	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152876	GELC
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	2.94	—	—	0.05	mg/L	Y	—	J+	N3B-2022-1336	CAPA-22-248736	GELC
Homestead Spring	—	04/15/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.57	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1319	CAPA-21-221757	GELC
Homestead Spring	—	09/17/2020	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.33	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206507	GELC
Homestead Spring	—	04/26/2019	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.48	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171703	GELC
Homestead Spring	—	04/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.3	—	—	0.05	mg/L	Y	—	NQ	2018-2462	CAPA-18-152850	GELC
Homestead Spring	—	04/18/2018	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.31	—	—	0.05	mg/L	Y	—	NQ	2018-2462	CAPA-18-152874	GELC
Homestead Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.4	17.6	65.4	—	pCi/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248737	GELC
Homestead Spring	—	04/15/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	22.9	16.2	27.8	—	pCi/L	Y	U	UJ	N3B-2021-1319	CAPA-21-221758	GELC
Homestead Spring	—	09/17/2020	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-14.1	20.3	73.3	—	pCi/L	Y	U	U	N3B-2020-1825	CAPA-20-206508	GELC
Homestead Spring	—	04/26/2019	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	4.14	14	45.4	—	pCi/L	Y	U	U	N3B-2019-1633	CAPA-19-171704	GELC
Homestead Spring	—	04/18/2018	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.612	21.7	89.4	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152851	GELC
Homestead Spring	—	04/18/2018	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	23.9	23	82.3	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152876	GELC
Homestead Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.575	0.156	0.335	—	pCi/L	Y	—	U	N3B-2022-1336	CAPA-22-248737	GELC
Homestead Spring	—	04/15/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.438	0.106	0.177	—	pCi/L	Y	—	NQ	N3B-2021-1319	CAPA-21-221758	GELC
Homestead Spring	—	09/17/2020	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.626	0.166	0.4	—	pCi/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206508	GELC
Homestead Spring	—	03/11/2008	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	2.05	0.32	0.34	—	pCi/L	Y	—	NQ	08-784	CAPA-08-11013	GELC
Homestead Spring	—	04/19/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.676	0.21	—	—	pCi/L	Y	J	U	N3B-2022-1336	CAPA-22-248737	GELC
Homestead Spring	—	04/15/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.58	0.205	—	—	pCi/L	Y	—	NQ	N3B-2021-1319	CAPA-21-221758	GELC
Homestead Spring	—	09/17/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.894	0.217	—	—	pCi/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206508	GELC
Homestead Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.102	0.141	0.497	—	pCi/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC
Homestead Spring	—	04/15/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.141	0.176	0.622	—	pCi/L	Y	U	U	N3B-2021-1319	CAPA-21-221758	GELC
Homestead Spring	—	09/17/2020	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.268	0.139	0.45	—	pCi/L	Y	U	U	N3B-2020-1825	CAPA-20-206508	GELC
Homestead Spring	—	03/11/2008	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.451	0.2	0.61	—	pCi/L	Y	U	U	08-784	CAPA-08-11013	GELC
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	34	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248736	GELC
Homestead Spring	—	04/15/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	32.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-1319	CAPA-21-221757	GELC
Homestead Spring	—	09/17/2020	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	36.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206507	GELC
Homestead Spring	—	04/26/2019	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	33	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171703	GELC
Homestead Spring	—	04/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	30.9	—	—	0.053	mg/L	Y	—	NQ	2018-2462	CAPA-18-152850	GELC
Homestead Spring	—	04/18/2018	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	31.4	—	—	0.053	mg/L	Y	—	NQ	2018-2462	CAPA-18-152874	GELC
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	18.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248736	GELC
Homestead Spring	—	04/15/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-1319	CAPA-21-221757	GELC
Homestead Spring	—	09/17/2020	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	18.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206507	GELC
Homestead Spring	—	04/26/2019	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171703	GELC
Homestead Spring	—	04/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	7.2	—	—	0.1	mg/L	Y	—	NQ	2018-2462	CAPA-18-152850	GELC
Homestead Spring	—	04/18/2018	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	7.35	—	—	0.1	mg/L	Y	—	NQ	2018-2462	CAPA-18-152874	GELC
Homestead Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.39	1.29	5.24	—	pCi/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC
Homestead Spring	—	04/15/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.38	0.827	3.42	—	pCi/L	Y	U	UJ	N3B-2021-1319	CAPA-21-221758	GELC
Homestead Spring	—	09/17/2020	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.09	1.43	4.8	—	pCi/L	Y	U	U	N3B-2020-1825	CAPA-20-206508	GELC
Homestead Spring	—	04/26/2019	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.75	0.797	3.51	—	pCi/L	Y	U	U	N3B-2019-1633	CAPA-19-171704	GELC
Homestead Spring	—	04/18/2018	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.448	1.77	6.31	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152851	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 (ft)	Sample Date	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
Homestead Spring	—	04/18/2018	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.88	1.9	6.94	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152876	GELC
Homestead Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	172	—	—	1	µScm	Y	—	NQ	N3B-2022-1336	CAPA-22-248736	GELC
Homestead Spring	—	04/15/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	156	—	—	1	µScm	Y	—	NQ	N3B-2021-1319	CAPA-21-221757	GELC
Homestead Spring	—	09/17/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	208	—	—	1	µScm	Y	—	NQ	N3B-2020-1825	CAPA-20-206507	GELC
Homestead Spring	—	04/26/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	140	—	—	1	µScm	Y	—	NQ	N3B-2019-1633	CAPA-19-171703	GELC
Homestead Spring	—	04/18/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	113	—	—	1	µScm	Y	—	NQ	2018-2462	CAPA-18-152850	GELC
Homestead Spring	—	04/18/2018	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	112	—	—	1	µScm	Y	—	NQ	2018-2462	CAPA-18-152874	GELC
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	60.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248736	GELC
Homestead Spring	—	04/15/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	59.5	—	—	1	µg/L	Y	—	NQ	N3B-2021-1319	CAPA-21-221757	GELC
Homestead Spring	—	09/17/2020	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	102	—	—	1	µg/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206507	GELC
Homestead Spring	—	04/26/2019	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	61.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171703	GELC
Homestead Spring	—	04/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	63.3	—	—	1	µg/L	Y	—	NQ	2018-2462	CAPA-18-152850	GELC
Homestead Spring	—	04/18/2018	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	64	—	—	1	µg/L	Y	—	NQ	2018-2462	CAPA-18-152874	GELC
Homestead Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.205	0.104	0.338	—	pCi/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248737	GELC
Homestead Spring	—	04/15/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.103	0.0888	0.382	—	pCi/L	Y	U	U	N3B-2021-1319	CAPA-21-221758	GELC
Homestead Spring	—	09/17/2020	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.225	0.121	0.485	—	pCi/L	Y	U	U	N3B-2020-1825	CAPA-20-206508	GELC
Homestead Spring	—	04/26/2019	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0953	0.117	0.392	—	pCi/L	Y	U	U	N3B-2019-1633	CAPA-19-171704	GELC
Homestead Spring	—	04/18/2018	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0482	0.0929	0.313	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152851	GELC
Homestead Spring	—	04/18/2018	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.133	0.11	0.417	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152876	GELC
Homestead Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.06	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248736	GELC
Homestead Spring	—	04/15/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.09	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-1319	CAPA-21-221757	GELC
Homestead Spring	—	09/17/2020	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.47	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206507	GELC
Homestead Spring	—	04/26/2019	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.8	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171703	GELC
Homestead Spring	—	04/18/2018	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.61	—	—	0.133	mg/L	Y	—	NQ	2018-2462	CAPA-18-152850	GELC
Homestead Spring	—	04/18/2018	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.69	—	—	0.133	mg/L	Y	—	NQ	2018-2462	CAPA-18-152874	GELC
Homestead Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248736	GELC
Homestead Spring	—	04/15/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	106	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-1319	CAPA-21-221757	GELC
Homestead Spring	—	09/17/2020	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	149	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206507	GELC
Homestead Spring	—	04/26/2019	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	90	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171703	GELC
Homestead Spring	—	04/18/2018	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	111	—	—	3.4	mg/L	Y	—	NQ	2018-2462	CAPA-18-152850	GELC
Homestead Spring	—	04/18/2018	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	91.4	—	—	3.4	mg/L	Y	—	NQ	2018-2462	CAPA-18-152874	GELC
Homestead Spring	—	04/19/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	1.47	—	—	0.33	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248737	GELC
Homestead Spring	—	04/15/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	1.64	—	—	0.33	mg/L	Y	—	NQ	N3B-2021-1319	CAPA-21-221758	GELC
Homestead Spring	—	09/17/2020	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	2.06	—	—	0.33	mg/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206508	GELC
Homestead Spring	—	04/26/2019	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	5.07	—	—	0.33	mg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171704	GELC
Homestead Spring	—	04/18/2018	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	1.34	—	—	0.33	mg/L	Y	—	NQ	2018-2462	CAPA-18-152851	GELC
Homestead Spring	—	04/18/2018	UF	INIT	FD	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	1.35	—	—	0.33	mg/L	Y	—	NQ	2018-2462	CAPA-18-152876	GELC
Homestead Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.162	—	—	0.02	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248736	GELC
Homestead Spring	—	04/15/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0926	—	—	0.02	mg/L	Y	—	UJ	N3B-2021-1319	CAPA-21-221757	GELC
Homestead Spring	—	09/17/2020	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.144	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206507	GELC
Homestead Spring	—	04/26/2019	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0556	—	—	0.02	mg/L	Y	—	U	N3B-2019-1633	CAPA-19-171703	GELC
Homestead Spring	—	04/18/2018	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.12	—	—	0.02	mg/L	Y	—	U	2018-2462	CAPA-18-152850	GELC
Homestead Spring	—	04/18/2018	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.113	—	—	0.02	mg/L	Y	—	U	2018-2462	CAPA-18-152874	GELC
Homestead Spring	—	04/19/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0284	0.0152	0.0596	—	pCi/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248737	GELC
Homestead Spring	—	04/15/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0409	0.017	0.0772	—	pCi/L	Y	U	UJ	N3B-2021-1319	CAPA-21-221758	GELC
Homestead Spring	—	09/17/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0227	0.0197	0.0866	—	pCi/L	Y	U	U	N3B-2020-1825	CAPA-20-206508	GELC
Homestead Spring	—	04/26/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0298	0.0163	0.096	—	pCi/L	Y	U	U	N3B-2019-1633	CAPA-19-171704	GELC
Homestead Spring	—	04/18/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0723	0.0171	0.0951	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152851	GELC
Homestead Spring	—	04/18/2018	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0628	0.0165	0.0928	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152876	GELC
Homestead Spring	—	04/19/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.00931	0.0433	—	pCi/L	Y	U	U	N3B-2022-1336	CAPA-22-248737	GELC
Homestead Spring	—	04/15/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00814	0.00763	0.0763	—	pCi/L	Y	U	U	N3B-2021-1319	CAPA-21-221758	GELC
Homestead Spring	—	09/17/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.018	0.0151	0.0571	—	pCi/L	Y	U	U	N3B-2020-1825	CAPA-20-206508	GELC
Homestead Spring	—	04/26/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00363	0.00629	0.0697	—	pCi/L	Y	U	U	N3B-2019-1633	CAPA-19-171704	GELC
Homestead Spring	—	04/18/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0257	0.0111	0.0451	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152851	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 (ft)	Sample Date	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
Homestead Spring	—	04/18/2018	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0314	0.0117	0.044	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152876	GELC
Homestead Spring	—	04/19/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0277	0.012	0.0552	—	pCi/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248737	GELC
Homestead Spring	—	04/15/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0126	0.00991	0.0777	—	pCi/L	Y	U	U	N3B-2021-1319	CAPA-21-221758	GELC
Homestead Spring	—	09/17/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0417	0.0166	0.0774	—	pCi/L	Y	U	U	N3B-2020-1825	CAPA-20-206508	GELC
Homestead Spring	—	04/26/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0352	0.0138	0.0702	—	pCi/L	Y	U	U	N3B-2019-1633	CAPA-19-171704	GELC
Homestead Spring	—	04/18/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0234	0.013	0.0582	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152851	GELC
Homestead Spring	—	04/18/2018	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0203	0.0095	0.0568	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152876	GELC
Homestead Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	1.92	—	—	1	µg/L	Y	J	J	N3B-2022-1336	CAPA-22-248736	GELC
Homestead Spring	—	04/15/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.35	—	—	1	µg/L	Y	J	J	N3B-2021-1319	CAPA-21-221757	GELC
Homestead Spring	—	09/17/2020	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.11	—	—	1	µg/L	Y	J	J	N3B-2020-1825	CAPA-20-206507	GELC
Homestead Spring	—	04/26/2019	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.26	—	—	1	µg/L	Y	J	J	N3B-2019-1633	CAPA-19-171703	GELC
Homestead Spring	—	04/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.08	—	—	1	µg/L	Y	J	J	2018-2462	CAPA-18-152850	GELC
Homestead Spring	—	04/18/2018	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	1.67	—	—	1	µg/L	Y	J	J	2018-2462	CAPA-18-152874	GELC
LAUZ-1	5.35	06/23/2022	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.96	—	—	0.01	SU	Y	H	J	N3B-2022-1951	CALA-22-250816	GELC
LAUZ-1	5.35	06/09/2021	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.83	—	—	0.01	SU	Y	H	J	N3B-2021-1799	CALA-21-229554	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.78	—	—	0.01	SU	Y	H	NQ	N3B-2019-2244	CALA-19-181497	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.74	—	—	0.01	SU	Y	H	NQ	N3B-2019-2244	CALA-19-181500	GELC
LAUZ-1	5.35	09/21/2018	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7	—	—	0.01	SU	Y	H	NQ	N3B-2018-3938	CALA-18-163049	GELC
LAUZ-1	5.35	03/14/2011	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.79	—	—	0.01	SU	Y	H	J-	11-1625	CALA-11-5245	GELC
LAUZ-1	5.35	06/23/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1951	CALA-22-250816	GELC
LAUZ-1	5.35	06/09/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-1799	CALA-21-229554	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	99.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2244	CALA-19-181497	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	101	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2244	CALA-19-181500	GELC
LAUZ-1	5.35	09/21/2018	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	163	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-3938	CALA-18-163049	GELC
LAUZ-1	5.35	03/14/2011	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	95.8	—	—	0.73	mg/L	Y	—	NQ	11-1625	CALA-11-5245	GELC
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	Y	1430	—	—	68	µg/L	Y	—	NQ	N3B-2022-1951	CALA-22-250816	GELC
LAUZ-1	5.35	06/09/2021	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	255	—	—	68	µg/L	Y	—	NQ	N3B-2021-1799	CALA-21-229554	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68	—	—	68	µg/L	Y	U	U	N3B-2019-2244	CALA-19-181497	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	FD	Inorganic	SW-846:6010C	Aluminum	Al	N	68	—	—	68	µg/L	Y	U	U	N3B-2019-2244	CALA-19-181500	GELC
LAUZ-1	5.35	09/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68	—	—	68	µg/L	Y	U	U	N3B-2018-3938	CALA-18-163049	GELC
LAUZ-1	5.35	03/14/2011	F	INIT	REG	Inorganic	SW-846:6010B	Aluminum	Al	N	200	—	—	68	µg/L	Y	U	U	11-1625	CALA-11-5245	GELC
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.225	0.067	0.25	—	pCi/L	Y	U	UJ	N3B-2022-1951	CALA-22-250815	GELC
LAUZ-1	5.35	06/09/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0376	0.0112	0.0514	—	pCi/L	Y	U	UJ	N3B-2021-1799	CALA-21-229553	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00943	0.0145	0.0342	—	pCi/L	Y	U	U	N3B-2019-2244	CALA-19-181498	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0209	0.0143	0.038	—	pCi/L	Y	U	U	N3B-2019-2244	CALA-19-181501	GELC
LAUZ-1	5.35	09/21/2018	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.203	0.187	0.508	—	pCi/L	Y	U	U	N3B-2018-3938	CALA-18-163050	GELC
LAUZ-1	5.35	08/01/2007	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	Y	0.0586	0.0128	0.0513	—	pCi/L	Y	—	J	190721	GU070700G1ZL01	GELC
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	110	—	—	1	µg/L	Y	—	NQ	N3B-2022-1951	CALA-22-250816	GELC
LAUZ-1	5.35	06/09/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	258	—	—	1	µg/L	Y	—	NQ	N3B-2021-1799	CALA-21-229554	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	290	—	—	1	µg/L	Y	—	NQ	N3B-2019-2244	CALA-19-181497	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	293	—	—	1	µg/L	Y	—	NQ	N3B-2019-2244	CALA-19-181500	GELC
LAUZ-1	5.35	09/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	158	—	—	1	µg/L	Y	—	NQ	N3B-2018-3938	CALA-18-163049	GELC
LAUZ-1	5.35	03/14/2011	F	INIT	REG	Inorganic	SW-846:6010B	Barium	Ba	Y	309	—	—	1	µg/L	Y	—	NQ	11-1625	CALA-11-5245	GELC
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	Y	2.99	—	—	0.3	µg/L	Y	—	NQ	N3B-2022-1951	CALA-22-250815	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.324	—	—	0.324	µg/L	Y	U	U	N3B-2019-2244	CALA-19-181498	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.3	—	—	0.3	µg/L	Y	U	U	N3B-2019-2244	CALA-19-181501	GELC
LAUZ-1	5.35	09/21/2018	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.3	—	—	0.3	µg/L	Y	U	U	N3B-2018-3938	CALA-18-163050	GELC
LAUZ-1	5.35	08/01/2007	UF	INIT	REG	SVOC	SW-846:8270C	Bis(2-ethylhexyl)phthalate	117-81-7	N	9.9	—	—	1.98	µg/L	Y	U	U	190721	GU070700G1ZL01	GELC
LAUZ-1	5.35	08/02/2006	UF	INIT	REG	SVOC	SW-846:8270C	Bis(2-ethylhexyl)phthalate	117-81-7	N	10.1	—	—	2.02	µg/L	Y	U	U	168446	GU060700G1ZL01	GELC
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	37.9	—	—	15	µg/L	Y	J	J	N3B-2022-1951	CALA-22-250816	GELC
LAUZ-1	5.35	06/09/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	25.7	—	—	15	µg/L	Y	J	J	N3B-2021-1799	CALA-21-229554	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	20.1	—	—	15	µg/L	Y	J	J	N3B-2019-2244	CALA-19-181497	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	19.8	—	—	15	µg/L	Y	J	J	N3B-2019-2244	CALA-19-181500	GELC
LAUZ-1	5.35	09/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	19.7	—	—	15	µg/L	Y	J	J	N3B-2018-3938	CALA-18-163049	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 (ft)	Sample Date	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
LAUZ-1	5.35	03/14/2011	F	INIT	REG	Inorganic	SW-846:6010B	Boron	B	Y	31.5	—	—	15	µg/L	Y	J	J	11-1625	CALA-11-5245	GELC
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	23.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1951	CALA-22-250816	GELC
LAUZ-1	5.35	06/09/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	54.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1799	CALA-21-229554	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	63.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2244	CALA-19-181497	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	64.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2244	CALA-19-181500	GELC
LAUZ-1	5.35	09/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	37.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3938	CALA-18-163049	GELC
LAUZ-1	5.35	03/14/2011	F	INIT	REG	Inorganic	SW-846:6010B	Calcium	Ca	Y	69.6	—	—	0.05	mg/L	Y	—	NQ	11-1625	CALA-11-5245	GELC
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	Y	4.9	1.46	2.59	—	pCi/L	Y	—	NQ	N3B-2022-1951	CALA-22-250815	GELC
LAUZ-1	5.35	06/09/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.07	2.06	3.69	—	pCi/L	Y	U	UJ	N3B-2021-1799	CALA-21-229553	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.986	1.37	5.01	—	pCi/L	Y	U	U	N3B-2019-2244	CALA-19-181498	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.135	1.29	4.38	—	pCi/L	Y	U	U	N3B-2019-2244	CALA-19-181501	GELC
LAUZ-1	5.35	09/21/2018	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.148	1.08	4.02	—	pCi/L	Y	U	U	N3B-2018-3938	CALA-18-163050	GELC
LAUZ-1	5.35	08/01/2007	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.94	0.993	3.66	—	pCi/L	Y	U	U	190721	GU070700G1ZL01	GELC
LAUZ-1	5.35	06/23/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	145	—	—	2.68	mg/L	Y	—	J+	N3B-2022-1951	CALA-22-250816	GELC
LAUZ-1	5.35	06/09/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	326	—	—	3.35	mg/L	Y	—	NQ	N3B-2021-1799	CALA-21-229554	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	324	—	—	6.7	mg/L	Y	—	NQ	N3B-2019-2244	CALA-19-181497	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	327	—	—	6.7	mg/L	Y	—	NQ	N3B-2019-2244	CALA-19-181500	GELC
LAUZ-1	5.35	09/21/2018	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	46.2	—	—	0.67	mg/L	Y	—	NQ	N3B-2018-3938	CALA-18-163049	GELC
LAUZ-1	5.35	03/14/2011	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	341	—	—	3.3	mg/L	Y	—	J+	11-1625	CALA-11-5245	GELC
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	Y	1.33	—	—	1	µg/L	Y	J	J	N3B-2022-1951	CALA-22-250816	GELC
LAUZ-1	5.35	06/09/2021	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2021-1799	CALA-21-229554	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-2244	CALA-19-181497	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	FD	Inorganic	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-2244	CALA-19-181500	GELC
LAUZ-1	5.35	09/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2018-3938	CALA-18-163049	GELC
LAUZ-1	5.35	03/14/2011	F	INIT	REG	Inorganic	SW-846:6010B	Cobalt	Co	Y	1.56	—	—	1	µg/L	Y	J	J	11-1625	CALA-11-5245	GELC
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.588	0.659	2.31	—	pCi/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC
LAUZ-1	5.35	06/09/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.297	1.09	4.42	—	pCi/L	Y	U	U	N3B-2021-1799	CALA-21-229553	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.462	1.66	6.08	—	pCi/L	Y	U	U	N3B-2019-2244	CALA-19-181498	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.92	1.39	6.47	—	pCi/L	Y	U	U	N3B-2019-2244	CALA-19-181501	GELC
LAUZ-1	5.35	09/21/2018	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.796	1.08	3.96	—	pCi/L	Y	U	U	N3B-2018-3938	CALA-18-163050	GELC
LAUZ-1	5.35	08/01/2007	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.765	1.13	3.53	—	pCi/L	Y	U	U	190721	GU070700G1ZL01	GELC
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	Y	4.15	—	—	3	µg/L	Y	J	J	N3B-2022-1951	CALA-22-250816	GELC
LAUZ-1	5.35	06/09/2021	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	Y	3.39	—	—	3	µg/L	Y	J	J	N3B-2021-1799	CALA-21-229554	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-2244	CALA-19-181497	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-2244	CALA-19-181500	GELC
LAUZ-1	5.35	09/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2018-3938	CALA-18-163049	GELC
LAUZ-1	5.35	03/14/2011	F	INIT	REG	Inorganic	SW-846:6010B	Copper	Cu	Y	3.14	—	—	3	µg/L	Y	J	J	11-1625	CALA-11-5245	GELC
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00419	—	—	0.00167	mg/L	Y	J	J	N3B-2022-1951	CALA-22-250815	GELC
LAUZ-1	5.35	06/09/2021	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	Y	0.00255	—	—	0.00167	mg/L	Y	J	J	N3B-2021-1799	CALA-21-229553	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.00167	mg/L	Y	U	U	N3B-2019-2244	CALA-19-181498	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	FD	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.00167	mg/L	Y	U	U	N3B-2019-2244	CALA-19-181501	GELC
LAUZ-1	5.35	09/21/2018	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	—	—	0.00167	mg/L	Y	U	U	N3B-2018-3938	CALA-18-163050	GELC
LAUZ-1	5.35	08/01/2007	UF	INIT	REG	Inorganic	EPA:335.3	Cyanide (Total)	CN(TOTAL)	Y	0.00267	—	—	0.0015	mg/L	Y	J	J-	190721	GU070700G1ZL01	GELC
LAUZ-1	5.35	06/23/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.258	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-1951	CALA-22-250816	GELC
LAUZ-1	5.35	06/09/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.134	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1799	CALA-21-229554	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.232	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2244	CALA-19-181497	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.224	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2244	CALA-19-181500	GELC
LAUZ-1	5.35	09/21/2018	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.348	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-3938	CALA-18-163049	GELC
LAUZ-1	5.35	03/14/2011	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.314	—	—	0.033	mg/L	Y	—	NQ	11-1625	CALA-11-5245	GELC
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	Y	4.47	1.35	2.88	—	pCi/L	Y	—	NQ	N3B-2022-1951	CALA-22-250815	GELC
LAUZ-1	5.35	06/09/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.788	0.684	2.34	—	pCi/L	Y	U	UJ	N3B-2021-1799	CALA-21-229553	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.959	1.24	4.24	—	pCi/L	Y	U	U	N3B-2019-2244	CALA-19-181498	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.243	0.676	2.49	—	pCi/L	Y	U	U	N3B-2019-2244	CALA-19-181501	GELC
LAUZ-1	5.35	09/21/2018	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.11	0.567	1.84	—	pCi/L	Y	U	U	N3B-2018-3938	CALA-18-163050	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 (ft)	Sample Date	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
LAUZ-1	5.35	08/01/2007	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	2.15	0.662	1.67	—	pCi/L	Y	—	J	190721	GU070700G1ZL01	GELC
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	18.2	1.61	2.76	—	pCi/L	Y	—	NQ	N3B-2022-1951	CALA-22-250815	GELC
LAUZ-1	5.35	06/09/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	31.8	1.87	2.94	—	pCi/L	Y	—	J	N3B-2021-1799	CALA-21-229553	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	59.7	1.9	2.91	—	pCi/L	Y	—	NQ	N3B-2019-2244	CALA-19-181498	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	62.2	1.94	2.96	—	pCi/L	Y	—	NQ	N3B-2019-2244	CALA-19-181501	GELC
LAUZ-1	5.35	09/21/2018	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	39	2.13	2.03	—	pCi/L	Y	—	NQ	N3B-2018-3938	CALA-18-163050	GELC
LAUZ-1	5.35	08/01/2007	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	106	9.75	3.43	—	pCi/L	Y	—	NQ	190721	GU070700G1ZL01	GELC
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	67.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1951	CALA-22-250816	GELC
LAUZ-1	5.35	06/09/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	153	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-1799	CALA-21-229554	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	181	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2244	CALA-19-181497	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	183	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2244	CALA-19-181500	GELC
LAUZ-1	5.35	09/21/2018	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	104	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-3938	CALA-18-163049	GELC
LAUZ-1	5.35	03/14/2011	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	199	—	—	0.45	mg/L	Y	—	NQ	11-1625	CALA-11-5245	GELC
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	Y	762	—	—	30	µg/L	Y	—	J+	N3B-2022-1951	CALA-22-250816	GELC
LAUZ-1	5.35	06/09/2021	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	163	—	—	30	µg/L	Y	—	NQ	N3B-2021-1799	CALA-21-229554	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	102	—	—	30	µg/L	Y	—	NQ	N3B-2019-2244	CALA-19-181497	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	Y	98	—	—	30	µg/L	Y	J	J	N3B-2019-2244	CALA-19-181500	GELC
LAUZ-1	5.35	09/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	38.7	—	—	30	µg/L	Y	J	J	N3B-2018-3938	CALA-18-163049	GELC
LAUZ-1	5.35	03/14/2011	F	INIT	REG	Inorganic	SW-846:6010B	Iron	Fe	Y	60.6	—	—	30	µg/L	Y	J	J	11-1625	CALA-11-5245	GELC
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	Y	1.42	—	—	0.5	µg/L	Y	J	J	N3B-2022-1951	CALA-22-250816	GELC
LAUZ-1	5.35	06/09/2021	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	—	0.5	µg/L	Y	U	U	N3B-2021-1799	CALA-21-229554	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	REG	Inorganic	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5	µg/L	Y	U	U	N3B-2019-2244	CALA-19-181497	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	FD	Inorganic	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5	µg/L	Y	U	U	N3B-2019-2244	CALA-19-181500	GELC
LAUZ-1	5.35	09/21/2018	F	INIT	REG	Inorganic	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5	µg/L	Y	U	U	N3B-2018-3938	CALA-18-163049	GELC
LAUZ-1	5.35	03/14/2011	F	INIT	REG	Inorganic	SW-846:6020	Lead	Pb	N	2	—	—	0.5	µg/L	Y	U	U	11-1625	CALA-11-5245	GELC
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	1.94	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1951	CALA-22-250816	GELC
LAUZ-1	5.35	06/09/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.23	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-1799	CALA-21-229554	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.21	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2244	CALA-19-181497	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.24	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2244	CALA-19-181500	GELC
LAUZ-1	5.35	09/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.73	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-3938	CALA-18-163049	GELC
LAUZ-1	5.35	03/14/2011	F	INIT	REG	Inorganic	SW-846:6010B	Magnesium	Mg	Y	6.04	—	—	0.11	mg/L	Y	—	NQ	11-1625	CALA-11-5245	GELC
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	Y	56.6	—	—	2	µg/L	Y	—	NQ	N3B-2022-1951	CALA-22-250816	GELC
LAUZ-1	5.35	06/09/2021	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	403	—	—	2	µg/L	Y	—	NQ	N3B-2021-1799	CALA-21-229554	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	1000	—	—	2	µg/L	Y	—	NQ	N3B-2019-2244	CALA-19-181497	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	Y	999	—	—	2	µg/L	Y	—	NQ	N3B-2019-2244	CALA-19-181500	GELC
LAUZ-1	5.35	09/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	658	—	—	2	µg/L	Y	—	NQ	N3B-2018-3938	CALA-18-163049	GELC
LAUZ-1	5.35	03/14/2011	F	INIT	REG	Inorganic	SW-846:6010B	Manganese	Mn	Y	2530	—	—	2	µg/L	Y	—	NQ	11-1625	CALA-11-5245	GELC
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.466	—	—	0.2	µg/L	Y	J	J	N3B-2022-1951	CALA-22-250816	GELC
LAUZ-1	5.35	06/09/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	0.506	—	—	0.2	µg/L	Y	J	U	N3B-2021-1799	CALA-21-229554	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.07	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-2244	CALA-19-181497	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.86	—	—	0.2	µg/L	Y	J	J	N3B-2019-2244	CALA-19-181500	GELC
LAUZ-1	5.35	09/21/2018	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.58	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-3938	CALA-18-163049	GELC
LAUZ-1	5.35	03/14/2011	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.899	—	—	0.17	µg/L	Y	—	NQ	11-1625	CALA-11-5245	GELC
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.553	1.47	4.92	—	pCi/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC
LAUZ-1	5.35	06/09/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.44	2.54	8.86	—	pCi/L	Y	U	U	N3B-2021-1799	CALA-21-229553	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.268	3.04	10.9	—	pCi/L	Y	U	U	N3B-2019-2244	CALA-19-181498	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.912	2.33	8.88	—	pCi/L	Y	U	U	N3B-2019-2244	CALA-19-181501	GELC
LAUZ-1	5.35	09/21/2018	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.69	2.24	8.26	—	pCi/L	Y	U	U	N3B-2018-3938	CALA-18-163050	GELC
LAUZ-1	5.35	08/01/2007	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-14.7	9.15	23.5	—	pCi/L	Y	U	U	190721	GU070700G1ZL01	GELC
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.67	—	—	0.6	µg/L	Y	J	J	N3B-2022-1951	CALA-22-250816	GELC
LAUZ-1	5.35	06/09/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.27	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-1799	CALA-21-229554	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	4.08	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2244	CALA-19-181497	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	FD	Inorganic	SW-846:6020	Nickel	Ni	Y	3.86	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2244	CALA-19-181500	GELC
LAUZ-1	5.35	09/21/2018	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	4.36	—	—	0.6	µg/L	Y	—	NQ	N3B-2018-3938	CALA-18-163049	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 (ft)	Sample Date	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
LAUZ-1	5.35	03/14/2011	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	6.63	—	—	0.5	µg/L	Y	—	NQ	11-1625	CALA-11-5245	GELC
LAUZ-1	5.35	06/23/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.42	—	—	0.085	mg/L	Y	—	NQ	N3B-2022-1951	CALA-22-250816	GELC
LAUZ-1	5.35	06/09/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.75	—	—	0.085	mg/L	Y	—	NQ	N3B-2021-1799	CALA-21-229554	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-2244	CALA-19-181497	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-2244	CALA-19-181500	GELC
LAUZ-1	5.35	09/21/2018	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0187	—	—	0.017	mg/L	Y	J	J	N3B-2018-3938	CALA-18-163049	GELC
LAUZ-1	5.35	03/14/2011	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	11-1625	CALA-11-5245	GELC
LAUZ-1	5.35	06/23/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.098	—	—	0.05	µg/L	Y	J	J	N3B-2022-1951	CALA-22-250816	GELC
LAUZ-1	5.35	06/09/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.094	—	—	0.05	µg/L	Y	J	J	N3B-2021-1799	CALA-21-229554	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	N	0.05	—	—	0.05	µg/L	Y	U	U	N3B-2019-2244	CALA-19-181497	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	N	0.05	—	—	0.05	µg/L	Y	U	U	N3B-2019-2244	CALA-19-181500	GELC
LAUZ-1	5.35	09/21/2018	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	N	0.05	—	—	0.05	µg/L	Y	U	U	N3B-2018-3938	CALA-18-163049	GELC
LAUZ-1	5.35	03/14/2011	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	N	0.2	—	—	0.05	µg/L	Y	U	U	11-1625	CALA-11-5245	GELC
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	123	—	—	0.667	ng/L	Y	—	NQ	N3B-2022-1951	CALA-22-250815	GELC
LAUZ-1	5.35	06/09/2021	UF	DL	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	284	—	—	3.11	ng/L	Y	—	NQ	N3B-2021-1799	CALA-21-229553	GELC
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	135	—	—	0.808	ng/L	Y	—	NQ	N3B-2022-1951	CALA-22-250815	GELC
LAUZ-1	5.35	06/09/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	113	—	—	0.753	ng/L	Y	—	NQ	N3B-2021-1799	CALA-21-229553	GELC
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	81.6	—	—	0.808	ng/L	Y	—	NQ	N3B-2022-1951	CALA-22-250815	GELC
LAUZ-1	5.35	06/09/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	123	—	—	0.753	ng/L	Y	—	NQ	N3B-2021-1799	CALA-21-229553	GELC
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.258	0.0753	0.264	—	pCi/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC
LAUZ-1	5.35	06/09/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0474	0.0172	0.0838	—	pCi/L	Y	U	UJ	N3B-2021-1799	CALA-21-229553	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.014	0.0122	0.0494	—	pCi/L	Y	U	U	N3B-2019-2244	CALA-19-181498	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00429	0.00803	0.038	—	pCi/L	Y	U	U	N3B-2019-2244	CALA-19-181501	GELC
LAUZ-1	5.35	09/21/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.06	0.0825	0.256	—	pCi/L	Y	U	U	N3B-2018-3938	CALA-18-163050	GELC
LAUZ-1	5.35	08/01/2007	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00858	0.0057	0.0329	—	pCi/L	Y	U	U	190721	GU070700G1ZL01	GELC
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.413	0.103	0.232	—	pCi/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC
LAUZ-1	5.35	06/09/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0304	0.0155	0.0849	—	pCi/L	Y	U	U	N3B-2021-1799	CALA-21-229553	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00839	0.0115	0.0541	—	pCi/L	Y	U	U	N3B-2019-2244	CALA-19-181498	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00644	0.00644	0.0415	—	pCi/L	Y	U	U	N3B-2019-2244	CALA-19-181501	GELC
LAUZ-1	5.35	09/21/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.08	0.0748	0.406	—	pCi/L	Y	U	U	N3B-2018-3938	CALA-18-163050	GELC
LAUZ-1	5.35	08/01/2007	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.024	0.00775	0.0302	—	pCi/L	Y	U	U	190721	GU070700G1ZL01	GELC
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	4.97	—	—	0.05	mg/L	Y	—	J+	N3B-2022-1951	CALA-22-250816	GELC
LAUZ-1	5.35	06/09/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	7.05	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1799	CALA-21-229554	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	7.39	—	—	0.05	mg/L	Y	—	J+	N3B-2019-2244	CALA-19-181497	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	7.54	—	—	0.05	mg/L	Y	—	J+	N3B-2019-2244	CALA-19-181500	GELC
LAUZ-1	5.35	09/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	5.75	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3938	CALA-18-163049	GELC
LAUZ-1	5.35	03/14/2011	F	INIT	REG	Inorganic	SW-846:6010B	Potassium	K	Y	8.5	—	—	0.05	mg/L	Y	—	NQ	11-1625	CALA-11-5245	GELC
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-2.67	10.7	37.3	—	pCi/L	Y	U	UJ	N3B-2022-1951	CALA-22-250815	GELC
LAUZ-1	5.35	06/09/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	7.47	31.1	44.4	—	pCi/L	Y	U	U	N3B-2021-1799	CALA-21-229553	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	18.8	16.8	69.3	—	pCi/L	Y	U	U	N3B-2019-2244	CALA-19-181498	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	26.6	22.6	30	—	pCi/L	Y	U	U	N3B-2019-2244	CALA-19-181501	GELC
LAUZ-1	5.35	09/21/2018	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-27	17.3	61.3	—	pCi/L	Y	U	U	N3B-2018-3938	CALA-18-163050	GELC
LAUZ-1	5.35	08/01/2007	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	17.4	14.6	32.7	—	pCi/L	Y	U	U	190721	GU070700G1ZL01	GELC
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.438	0.167	0.45	—	pCi/L	Y	U	UJ	N3B-2022-1951	CALA-22-250815	GELC
LAUZ-1	5.35	06/09/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.676	0.189	0.497	—	pCi/L	Y	—	NQ	N3B-2021-1799	CALA-21-229553	GELC
LAUZ-1	5.35	05/22/2002	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	2.93	3.5	5.5	—	pCi/L	Y	U	U	808S	CA21-02-45091	GEL
LAUZ-1	5.35	11/13/2001	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	9.14	3.17	5.08	—	pCi/L	Y	—	U	222S	CA21-01-0025	GEL
LAUZ-1	5.35	06/19/2001	UF	INIT	REG	RAD	Generic:Gamma Spec.	Radium-226	Ra-226	N	80	60	89	—	pCi/L	Y	U	U	9046R	CA21-01-0008	PARA
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	1.42	0.335	—	—	pCi/L	Y	J	U	N3B-2022-1951	CALA-22-250815	GELC
LAUZ-1	5.35	06/09/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.18	0.273	—	—	pCi/L	Y	—	NQ	N3B-2021-1799	CALA-21-229553	GELC
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.987	0.291	0.775	—	pCi/L	Y	—	U	N3B-2022-1951	CALA-22-250815	GELC
LAUZ-1	5.35	06/09/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.503	0.197	0.613	—	pCi/L	Y	U	UJ	N3B-2021-1799	CALA-21-229553	GELC
LAUZ-1	5.35	05/22/2002	UF	INIT	REG	RAD	EPA:901.1	Radium-228	Ra-228	N	7.8	4.9	11	—	pCi/L	Y	U	U	808S	CA21-02-45091	GEL
LAUZ-1	5.35	11/13/2001	UF	INIT	REG	RAD	EPA:901.1	Radium-228	Ra-228	N	-3.03	3.12	10.3	—	pCi/L	Y	—	U	222S	CA21-01-0025	GEL

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 (ft)	Sample Date	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
LAUZ-1	5.35	06/21/1995	UF	INIT	REG	RAD	Generic:Gamma Spec.	Radium-228	Ra-228	N	3.1	1.2	3.5	—	pCi/L	Y	—	U	553	0121-95-0251	RGGJ
LAUZ-1	5.35	06/21/1995	UF	INIT	FD	RAD	Generic:Gamma Spec.	Radium-228	Ra-228	N	-0.2	0.75	3.2	—	pCi/L	Y	—	U	553	0121-95-0254	RGGJ
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	26.4	—	—	0.053	mg/L	Y	N	J+	N3B-2022-1951	CALA-22-250816	GELC
LAUZ-1	5.35	06/09/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	19.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-1799	CALA-21-229554	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	19	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2244	CALA-19-181497	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	19.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2244	CALA-19-181500	GELC
LAUZ-1	5.35	09/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	25.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-3938	CALA-18-163049	GELC
LAUZ-1	5.35	03/14/2011	F	INIT	REG	Inorganic	SW-846:6010B	Silicon Dioxide	SiO2	Y	20.9	—	—	0.053	mg/L	Y	—	NQ	11-1625	CALA-11-5245	GELC
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	109	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1951	CALA-22-250816	GELC
LAUZ-1	5.35	06/09/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	188	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-1799	CALA-21-229554	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	160	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2244	CALA-19-181497	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	163	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2244	CALA-19-181500	GELC
LAUZ-1	5.35	09/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	49.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-3938	CALA-18-163049	GELC
LAUZ-1	5.35	03/14/2011	F	INIT	REG	Inorganic	SW-846:6010B	Sodium	Na	Y	179	—	—	0.1	mg/L	Y	—	NQ	11-1625	CALA-11-5245	GELC
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.556	0.703	2.49	—	pCi/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC
LAUZ-1	5.35	06/09/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0134	1.1	4.33	—	pCi/L	Y	U	U	N3B-2021-1799	CALA-21-229553	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0549	1.99	6.51	—	pCi/L	Y	U	U	N3B-2019-2244	CALA-19-181498	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.08	1.36	4.57	—	pCi/L	Y	U	U	N3B-2019-2244	CALA-19-181501	GELC
LAUZ-1	5.35	09/21/2018	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.17	1.17	4.25	—	pCi/L	Y	U	U	N3B-2018-3938	CALA-18-163050	GELC
LAUZ-1	5.35	08/01/2007	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.558	1.12	3.74	—	pCi/L	Y	U	U	190721	GU070700G1ZL01	GELC
LAUZ-1	5.35	06/23/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	724	—	—	1	µScm	Y	—	NQ	N3B-2022-1951	CALA-22-250816	GELC
LAUZ-1	5.35	06/09/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	1420	—	—	1	µScm	Y	—	NQ	N3B-2021-1799	CALA-21-229554	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	1300	—	—	1	µScm	Y	—	NQ	N3B-2019-2244	CALA-19-181497	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	1320	—	—	1	µScm	Y	—	NQ	N3B-2019-2244	CALA-19-181500	GELC
LAUZ-1	5.35	09/21/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	465	—	—	1	µScm	Y	—	NQ	N3B-2018-3938	CALA-18-163049	GELC
LAUZ-1	5.35	03/14/2011	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	1380	—	—	1	µScm	Y	—	NQ	11-1625	CALA-11-5245	GELC
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	95.9	—	—	1	µg/L	Y	—	NQ	N3B-2022-1951	CALA-22-250816	GELC
LAUZ-1	5.35	06/09/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	220	—	—	1	µg/L	Y	—	NQ	N3B-2021-1799	CALA-21-229554	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	281	—	—	1	µg/L	Y	—	NQ	N3B-2019-2244	CALA-19-181497	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	282	—	—	1	µg/L	Y	—	NQ	N3B-2019-2244	CALA-19-181500	GELC
LAUZ-1	5.35	09/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	161	—	—	1	µg/L	Y	—	NQ	N3B-2018-3938	CALA-18-163049	GELC
LAUZ-1	5.35	03/14/2011	F	INIT	REG	Inorganic	SW-846:6010B	Strontium	Sr	Y	326	—	—	1	µg/L	Y	—	NQ	11-1625	CALA-11-5245	GELC
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	6.01	0.602	0.485	—	pCi/L	Y	—	NQ	N3B-2022-1951	CALA-22-250815	GELC
LAUZ-1	5.35	06/09/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	17.1	0.504	0.471	—	pCi/L	Y	—	NQ	N3B-2021-1799	CALA-21-229553	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	17	0.501	0.302	—	pCi/L	Y	—	NQ	N3B-2019-2244	CALA-19-181498	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	Y	18.6	0.499	0.258	—	pCi/L	Y	—	NQ	N3B-2019-2244	CALA-19-181501	GELC
LAUZ-1	5.35	09/21/2018	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	15.6	0.54	0.463	—	pCi/L	Y	—	NQ	N3B-2018-3938	CALA-18-163050	GELC
LAUZ-1	5.35	08/01/2007	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	44.5	3.61	0.315	—	pCi/L	Y	—	NQ	190721	GU070700G1ZL01	GELC
LAUZ-1	5.35	06/23/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.9	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-1951	CALA-22-250816	GELC
LAUZ-1	5.35	06/09/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	16	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-1799	CALA-21-229554	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	12.2	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2244	CALA-19-181497	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	12.3	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2244	CALA-19-181500	GELC
LAUZ-1	5.35	09/21/2018	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.03	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-3938	CALA-18-163049	GELC
LAUZ-1	5.35	03/14/2011	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	20	—	—	0.1	mg/L	Y	—	J+	11-1625	CALA-11-5245	GELC
LAUZ-1	5.35	06/23/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	429	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-1951	CALA-22-250816	GELC
LAUZ-1	5.35	06/09/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	746	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-1799	CALA-21-229554	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	649	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2244	CALA-19-181497	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	700	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2244	CALA-19-181500	GELC
LAUZ-1	5.35	09/21/2018	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	293	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-3938	CALA-18-163049	GELC
LAUZ-1	5.35	03/14/2011	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	798	—	—	2.4	mg/L	Y	—	NQ	11-1625	CALA-11-5245	GELC
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	1.13	—	—	0.033	mg/L	Y	—	J+	N3B-2022-1951	CALA-22-250815	GELC
LAUZ-1	5.35	06/09/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.506	—	—	0.033	mg/L	Y	—	J+	N3B-2021-1799	CALA-21-229553	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.155	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2244	CALA-19-181498	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.177	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2244	CALA-19-181501	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 (ft)	Sample Date	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
LAUZ-1	5.35	09/21/2018	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.248	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-3938	CALA-18-163050	GELC
LAUZ-1	5.35	08/01/2007	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.253	—	—	0.029	mg/L	Y	—	NQ	190721	GU070700G1ZL01	GELC
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	8.1	—	—	0.33	mg/L	Y	—	NQ	N3B-2022-1951	CALA-22-250815	GELC
LAUZ-1	5.35	06/09/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	4.13	—	—	0.33	mg/L	Y	—	NQ	N3B-2021-1799	CALA-21-229553	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	3.49	—	—	0.33	mg/L	Y	—	NQ	N3B-2019-2244	CALA-19-181498	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	FD	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	3.45	—	—	0.33	mg/L	Y	—	NQ	N3B-2019-2244	CALA-19-181501	GELC
LAUZ-1	5.35	09/21/2018	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	6.57	—	—	0.33	mg/L	Y	—	NQ	N3B-2018-3938	CALA-18-163050	GELC
LAUZ-1	5.35	08/01/2007	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	9.9	—	—	0.33	mg/L	Y	—	NQ	190721	GU070700G1ZL01	GELC
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	Y	339.6	—	—	—	ng/L	Y	—	NQ	N3B-2022-1951	CALA-22-250815	GELC
LAUZ-1	5.35	06/09/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	Y	520	—	—	—	ng/L	Y	—	NQ	N3B-2021-1799	CALA-21-229553	GELC
LAUZ-1	5.35	06/23/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.117	—	—	0.02	mg/L	Y	—	NQ	N3B-2022-1951	CALA-22-250816	GELC
LAUZ-1	5.35	06/09/2021	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-2021-1799	CALA-21-229554	GELC
LAUZ-1	5.35	06/19/2019	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-2019-2244	CALA-19-181497	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0209	—	—	0.02	mg/L	Y	J	J	N3B-2019-2244	CALA-19-181500	GELC
LAUZ-1	5.35	09/21/2018	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0571	—	—	0.02	mg/L	Y	—	U	N3B-2018-3938	CALA-18-163049	GELC
LAUZ-1	5.35	03/14/2011	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.021	—	—	0.015	mg/L	Y	J	U	11-1625	CALA-11-5245	GELC
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.096	—	—	0.067	µg/L	Y	J	J	N3B-2022-1951	CALA-22-250816	GELC
LAUZ-1	5.35	06/09/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.123	—	—	0.067	µg/L	Y	J	J	N3B-2021-1799	CALA-21-229554	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-2244	CALA-19-181497	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-2244	CALA-19-181500	GELC
LAUZ-1	5.35	09/21/2018	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	N	0.169	—	—	0.067	µg/L	Y	J	U	N3B-2018-3938	CALA-18-163049	GELC
LAUZ-1	5.35	03/14/2011	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.133	—	—	0.067	µg/L	Y	J	J	11-1625	CALA-11-5245	GELC
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.757	0.136	0.261	—	pCi/L	Y	—	NQ	N3B-2022-1951	CALA-22-250815	GELC
LAUZ-1	5.35	06/09/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.132	0.0246	0.0684	—	pCi/L	Y	—	NQ	N3B-2021-1799	CALA-21-229553	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.191	0.0314	0.0981	—	pCi/L	Y	—	NQ	N3B-2019-2244	CALA-19-181498	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.2	0.0312	0.0859	—	pCi/L	Y	—	NQ	N3B-2019-2244	CALA-19-181501	GELC
LAUZ-1	5.35	09/21/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.711	0.13	0.532	—	pCi/L	Y	—	NQ	N3B-2018-3938	CALA-18-163050	GELC
LAUZ-1	5.35	08/01/2007	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	2.08	0.141	0.0332	—	pCi/L	Y	—	NQ	190721	GU070700G1ZL01	GELC
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.0181	0.0405	0.272	—	pCi/L	Y	U	U	N3B-2022-1951	CALA-22-250815	GELC
LAUZ-1	5.35	06/09/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0257	0.0123	0.0564	—	pCi/L	Y	U	UJ	N3B-2021-1799	CALA-21-229553	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00274	0.0113	0.0829	—	pCi/L	Y	U	U	N3B-2019-2244	CALA-19-181498	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00986	0.0108	0.0725	—	pCi/L	Y	U	U	N3B-2019-2244	CALA-19-181501	GELC
LAUZ-1	5.35	09/21/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.521	0.113	0.505	—	pCi/L	Y	—	NQ	N3B-2018-3938	CALA-18-163050	GELC
LAUZ-1	5.35	08/01/2007	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.126	0.0206	0.0279	—	pCi/L	Y	—	NQ	190721	GU070700G1ZL01	GELC
LAUZ-1	5.35	06/23/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.322	0.103	0.3	—	pCi/L	Y	—	NQ	N3B-2022-1951	CALA-22-250815	GELC
LAUZ-1	5.35	06/09/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.00742	0.0123	0.0712	—	pCi/L	Y	U	U	N3B-2021-1799	CALA-21-229553	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0273	0.0167	0.0783	—	pCi/L	Y	U	U	N3B-2019-2244	CALA-19-181498	GELC
LAUZ-1	5.35	06/19/2019	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.048	0.0154	0.0686	—	pCi/L	Y	U	U	N3B-2019-2244	CALA-19-181501	GELC
LAUZ-1	5.35	09/21/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.308	0.0931	0.366	—	pCi/L	Y	U	U	N3B-2018-3938	CALA-18-163050	GELC
LAUZ-1	5.35	08/01/2007	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.168	0.0232	0.0446	—	pCi/L	Y	—	NQ	190721	GU070700G1ZL01	GELC
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	2.57	—	—	1	µg/L	Y	J	J	N3B-2022-1951	CALA-22-250816	GELC
LAUZ-1	5.35	06/09/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.32	—	—	1	µg/L	Y	J	J	N3B-2021-1799	CALA-21-229554	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-2244	CALA-19-181497	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-2244	CALA-19-181500	GELC
LAUZ-1	5.35	09/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	N	1	—	—	1	µg/L	Y	U	U	N3B-2018-3938	CALA-18-163049	GELC
LAUZ-1	5.35	03/14/2011	F	INIT	REG	Inorganic	SW-846:6010B	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	11-1625	CALA-11-5245	GELC
LAUZ-1	5.35	06/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	14.6	—	—	3.3	µg/L	Y	J	J	N3B-2022-1951	CALA-22-250816	GELC
LAUZ-1	5.35	06/09/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	13.1	—	—	3.3	µg/L	Y	J	J	N3B-2021-1799	CALA-21-229554	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	9.06	—	—	3.3	µg/L	Y	J	J	N3B-2019-2244	CALA-19-181497	GELC
LAUZ-1	5.35	06/19/2019	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	Y	10.7	—	—	3.3	µg/L	Y	J	J	N3B-2019-2244	CALA-19-181500	GELC
LAUZ-1	5.35	09/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	3.85	—	—	3.3	µg/L	Y	J	J	N3B-2018-3938	CALA-18-163049	GELC
LAUZ-1	5.35	03/14/2011	F	INIT	REG	Inorganic	SW-846:6010B	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	11-1625	CALA-11-5245	GELC
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	2.55	—	—	1.74	µg/L	Y	J	J	N3B-2021-2158	CAMO-21-231037	GELC
MCO-7	39.0	08/18/2020	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2020-1580	CAMO-20-198968	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 (ft)	Sample Date	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-7	39.0	07/22/2019	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	2.4	—	—	1.5	µg/L	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/23/2018	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2018-3149	CAMO-18-159842	GELC
MCO-7	39.0	08/07/2017	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2017-2378	CAMO-17-142060	GELC
MCO-7	39.0	07/26/2021	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.4	—	—	0.01	SU	Y	H	J	N3B-2021-2158	CAMO-21-231038	GELC
MCO-7	39.0	08/18/2020	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.01	—	—	0.01	SU	Y	H	NQ	N3B-2020-1580	CAMO-20-198969	GELC
MCO-7	39.0	07/22/2019	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.3	—	—	0.01	SU	Y	H	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/23/2018	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.12	—	—	0.01	SU	Y	H	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	08/07/2017	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.26	—	—	0.01	SU	Y	H	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	07/26/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	108	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC
MCO-7	39.0	08/18/2020	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	99	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1580	CAMO-20-198969	GELC
MCO-7	39.0	07/22/2019	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	105	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/23/2018	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	118	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	08/07/2017	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	127	—	—	1.45	mg/L	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	81.8	—	—	68	µg/L	Y	J	J	N3B-2021-2158	CAMO-21-231038	GELC
MCO-7	39.0	08/18/2020	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	120	—	—	68	µg/L	Y	J	J	N3B-2020-1580	CAMO-20-198969	GELC
MCO-7	39.0	07/22/2019	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68	—	—	68	µg/L	Y	U	U	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/23/2018	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	N	68	—	—	68	µg/L	Y	U	U	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	08/07/2017	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	97.5	—	—	68	µg/L	Y	J	J	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	07/26/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0506	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC
MCO-7	39.0	08/18/2020	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0935	—	—	0.017	mg/L	Y	—	U	N3B-2020-1580	CAMO-20-198969	GELC
MCO-7	39.0	07/22/2019	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/23/2018	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0684	—	—	0.017	mg/L	Y	—	U	2018-3151	CAMO-18-160171	GELC
MCO-7	39.0	07/23/2018	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0523	—	—	0.017	mg/L	Y	—	U	2018-3151	CAMO-18-160174	GELC
MCO-7	39.0	07/23/2018	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0444	—	—	0.017	mg/L	Y	J	U	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	06/29/2018	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	2018-2826	CAMO-18-154790	GELC
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.92	—	—	2	µg/L	Y	J	J	N3B-2021-2158	CAMO-21-231038	GELC
MCO-7	39.0	08/18/2020	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	4.33	—	—	2	µg/L	Y	J	J	N3B-2020-1580	CAMO-20-198969	GELC
MCO-7	39.0	07/22/2019	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.85	—	—	2	µg/L	Y	J	J	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/23/2018	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.21	—	—	2	µg/L	Y	J	J	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	08/07/2017	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.26	—	—	2	µg/L	Y	J	J	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	195	—	—	1	µg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC
MCO-7	39.0	08/18/2020	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	199	—	—	1	µg/L	Y	—	NQ	N3B-2020-1580	CAMO-20-198969	GELC
MCO-7	39.0	07/22/2019	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	189	—	—	1	µg/L	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/23/2018	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	210	—	—	1	µg/L	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	08/07/2017	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	210	—	—	1	µg/L	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	63.2	—	—	15	µg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC
MCO-7	39.0	08/18/2020	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	64.7	—	—	15	µg/L	Y	—	NQ	N3B-2020-1580	CAMO-20-198969	GELC
MCO-7	39.0	07/22/2019	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	63.3	—	—	15	µg/L	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/23/2018	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	65.8	—	—	15	µg/L	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	08/07/2017	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	63.9	—	—	15	µg/L	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	07/26/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.169	—	—	0.067	mg/L	Y	J	J+	N3B-2021-2158	CAMO-21-231038	GELC
MCO-7	39.0	08/18/2020	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2020-1580	CAMO-20-198969	GELC
MCO-7	39.0	07/22/2019	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/23/2018	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.158	—	—	0.067	mg/L	Y	J	J	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	08/07/2017	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.0688	—	—	0.067	mg/L	Y	J	J	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	07/26/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	Y	3.75	—	—	1.67	µg/L	Y	J	J	N3B-2021-2158	CAMO-21-231037	GELC
MCO-7	39.0	08/18/2020	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2020-1580	CAMO-20-198968	GELC
MCO-7	39.0	07/22/2019	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/23/2018	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2018-3149	CAMO-18-159842	GELC
MCO-7	39.0	08/07/2017	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	—	—	1.5	µg/L	Y	U	U	2017-2378	CAMO-17-142060	GELC
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	27.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC
MCO-7	39.0	08/18/2020	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	26.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1580	CAMO-20-198969	GELC
MCO-7	39.0	07/22/2019	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	24.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/23/2018	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	27.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	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 (ft)	Sample Date	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-7	39.0	08/07/2017	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	28.1	—	—	0.05	mg/L	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	07/26/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	95.8	—	—	1.34	mg/L	Y	—	J+	N3B-2021-2158	CAMO-21-231038	GELC
MCO-7	39.0	08/18/2020	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	84.5	—	—	1.34	mg/L	Y	—	NQ	N3B-2020-1580	CAMO-20-198969	GELC
MCO-7	39.0	07/22/2019	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	73.3	—	—	1.34	mg/L	Y	—	J-	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/23/2018	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	81.2	—	—	1.34	mg/L	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	08/07/2017	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	70.7	—	—	0.67	mg/L	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	07/26/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	1.07	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC
MCO-7	39.0	08/18/2020	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	1.09	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1580	CAMO-20-198969	GELC
MCO-7	39.0	07/22/2019	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	1.17	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/23/2018	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	1.12	—	—	0.033	mg/L	Y	—	NQ	2018-3151	CAMO-18-160171	GELC
MCO-7	39.0	07/23/2018	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	1.13	—	—	0.033	mg/L	Y	—	NQ	2018-3151	CAMO-18-160174	GELC
MCO-7	39.0	07/23/2018	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	1.08	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	06/29/2018	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	1.06	—	—	0.033	mg/L	Y	—	NQ	2018-2826	CAMO-18-154790	GELC
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	91	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC
MCO-7	39.0	08/18/2020	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	87.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1580	CAMO-20-198969	GELC
MCO-7	39.0	07/22/2019	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	82.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/23/2018	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	91.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	08/07/2017	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	92.4	—	—	0.453	mg/L	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	49.6	—	—	30	µg/L	Y	J	J	N3B-2021-2158	CAMO-21-231038	GELC
MCO-7	39.0	08/18/2020	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	42.1	—	—	30	µg/L	Y	J	J	N3B-2020-1580	CAMO-20-198969	GELC
MCO-7	39.0	07/22/2019	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/23/2018	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	08/07/2017	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	32.6	—	—	30	µg/L	Y	J	J	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.69	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC
MCO-7	39.0	08/18/2020	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.29	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1580	CAMO-20-198969	GELC
MCO-7	39.0	07/22/2019	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.94	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/23/2018	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.47	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	08/07/2017	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.4	—	—	0.11	mg/L	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	31.9	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC
MCO-7	39.0	08/18/2020	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	30.2	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1580	CAMO-20-198969	GELC
MCO-7	39.0	07/22/2019	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	37.2	—	—	0.2	µg/L	Y	E	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/23/2018	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	33.3	—	—	0.2	µg/L	Y	E	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	08/07/2017	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	33.9	—	—	0.2	µg/L	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.848	—	—	0.6	µg/L	Y	J	J	N3B-2021-2158	CAMO-21-231038	GELC
MCO-7	39.0	08/18/2020	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.942	—	—	0.6	µg/L	Y	J	J	N3B-2020-1580	CAMO-20-198969	GELC
MCO-7	39.0	07/22/2019	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	0.935	—	—	0.6	µg/L	Y	J	J	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/23/2018	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	0.792	—	—	0.6	µg/L	Y	J	J	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	08/07/2017	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	0.84	—	—	0.6	µg/L	Y	J	J	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	07/26/2021	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-2021-2158	CAMO-21-231038	GELC
MCO-7	39.0	08/18/2020	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-2020-1580	CAMO-20-198969	GELC
MCO-7	39.0	07/22/2019	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.893	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/23/2018	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.09	—	—	0.085	mg/L	Y	—	NQ	2018-3151	CAMO-18-160171	GELC
MCO-7	39.0	07/23/2018	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.08	—	—	0.085	mg/L	Y	—	NQ	2018-3151	CAMO-18-160174	GELC
MCO-7	39.0	07/23/2018	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.74	—	—	0.085	mg/L	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	06/29/2018	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.3	—	—	0.017	mg/L	Y	—	NQ	2018-2826	CAMO-18-154790	GELC
MCO-7	39.0	07/26/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	5.76	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC
MCO-7	39.0	08/18/2020	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	N	0.05	—	—	0.05	µg/L	Y	U	U	N3B-2020-1580	CAMO-20-198969	GELC
MCO-7	39.0	07/22/2019	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	7.04	—	—	0.25	µg/L	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/23/2018	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	8.46	—	—	0.5	µg/L	Y	—	NQ	2018-3151	CAMO-18-160171	GELC
MCO-7	39.0	07/23/2018	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	8.11	—	—	0.5	µg/L	Y	—	NQ	2018-3151	CAMO-18-160174	GELC
MCO-7	39.0	07/23/2018	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	8.05	—	—	0.25	µg/L	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	06/29/2018	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	7.47	—	—	0.5	µg/L	Y	—	NQ	2018-2826	CAMO-18-154790	GELC
MCO-7	39.0	07/26/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	6.89	—	—	0.583	ng/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231037	GELC
MCO-7	39.0	07/26/2021	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	6.89	—	—	0.59	ng/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231318	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 (ft)	Sample Date	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-7	39.0	08/18/2020	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	13.7	—	—	0.613	ng/L	Y	—	NQ	N3B-2020-1580	CAMO-20-198968	GELC
MCO-7	39.0	07/26/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	30.6	—	—	0.706	ng/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231037	GELC
MCO-7	39.0	07/26/2021	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	30.3	—	—	0.715	ng/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231318	GELC
MCO-7	39.0	08/18/2020	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	46.3	—	—	0.743	ng/L	Y	—	NQ	N3B-2020-1580	CAMO-20-198968	GELC
MCO-7	39.0	07/26/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	10.6	—	—	0.706	ng/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231037	GELC
MCO-7	39.0	07/26/2021	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	10	—	—	0.715	ng/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231318	GELC
MCO-7	39.0	08/18/2020	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	22	—	—	0.743	ng/L	Y	—	NQ	N3B-2020-1580	CAMO-20-198968	GELC
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	15.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC
MCO-7	39.0	08/18/2020	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	14.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1580	CAMO-20-198969	GELC
MCO-7	39.0	07/22/2019	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	16	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/23/2018	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	15.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	08/07/2017	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	15.9	—	—	0.05	mg/L	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	39.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC
MCO-7	39.0	08/18/2020	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	41.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1580	CAMO-20-198969	GELC
MCO-7	39.0	07/22/2019	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	41.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/23/2018	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	42.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	08/07/2017	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	40	—	—	0.053	mg/L	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	62.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC
MCO-7	39.0	08/18/2020	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	57.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1580	CAMO-20-198969	GELC
MCO-7	39.0	07/22/2019	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	55.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/23/2018	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	59.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	08/07/2017	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	57.8	—	—	0.1	mg/L	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	07/26/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	561	—	—	1	µScm	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC
MCO-7	39.0	08/18/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	550	—	—	1	µScm	Y	—	NQ	N3B-2020-1580	CAMO-20-198969	GELC
MCO-7	39.0	07/22/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	491	—	—	1	µScm	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/23/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	540	—	—	1	µScm	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	08/07/2017	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	608	—	—	1	µScm	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	168	—	—	1	µg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC
MCO-7	39.0	08/18/2020	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	146	—	—	1	µg/L	Y	—	NQ	N3B-2020-1580	CAMO-20-198969	GELC
MCO-7	39.0	07/22/2019	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	147	—	—	1	µg/L	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/23/2018	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	163	—	—	1	µg/L	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	08/07/2017	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	164	—	—	1	µg/L	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	07/26/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	12.8	—	—	0.133	mg/L	Y	—	J+	N3B-2021-2158	CAMO-21-231038	GELC
MCO-7	39.0	08/18/2020	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	12.2	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1580	CAMO-20-198969	GELC
MCO-7	39.0	07/22/2019	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	12.3	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/23/2018	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	12.2	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	08/07/2017	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	12	—	—	0.133	mg/L	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	4.16	—	—	2.5	µg/L	Y	J	J	N3B-2021-2158	CAMO-21-231038	GELC
MCO-7	39.0	08/18/2020	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	5.61	—	—	2.5	µg/L	Y	J	J	N3B-2020-1580	CAMO-20-198969	GELC
MCO-7	39.0	07/22/2019	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/23/2018	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	6.46	—	—	2.5	µg/L	Y	J	U	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	08/07/2017	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	07/26/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	297	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC
MCO-7	39.0	08/18/2020	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	369	—	—	3.4	mg/L	Y	—	J	N3B-2020-1580	CAMO-20-198969	GELC
MCO-7	39.0	07/22/2019	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	283	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/23/2018	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	301	—	—	3.4	mg/L	Y	—	NQ	2018-3151	CAMO-18-160171	GELC
MCO-7	39.0	07/23/2018	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	337	—	—	3.4	mg/L	Y	—	NQ	2018-3151	CAMO-18-160174	GELC
MCO-7	39.0	07/23/2018	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	307	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	06/29/2018	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	309	—	—	3.4	mg/L	Y	—	NQ	2018-2826	CAMO-18-154790	GELC
MCO-7	39.0	07/26/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	2.02	—	—	0.33	mg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231037	GELC
MCO-7	39.0	08/18/2020	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	2.21	—	—	0.33	mg/L	Y	—	NQ	N3B-2020-1580	CAMO-20-198968	GELC
MCO-7	39.0	07/22/2019	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	2.22	—	—	0.33	mg/L	Y	—	NQ	N3B-2019-2613	CAMO-19-182827	GELC
MCO-7	39.0	07/23/2018	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	2.1	—	—	0.33	mg/L	Y	—	NQ	N3B-2018-3149	CAMO-18-159842	GELC
MCO-7	39.0	08/07/2017	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	2.1	—	—	0.33	mg/L	Y	—	NQ	2017-2378	CAMO-17-142060	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 (ft)	Sample Date	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-7	39.0	07/26/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	Y	48.09	—	—	—	ng/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231037	GELC
MCO-7	39.0	07/26/2021	UF	INIT	FD	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	Y	47.19	—	—	—	ng/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231318	GELC
MCO-7	39.0	08/18/2020	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	Y	82	—	—	—	ng/L	Y	—	NQ	N3B-2020-1580	CAMO-20-198968	GELC
MCO-7	39.0	07/26/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.165	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC
MCO-7	39.0	08/18/2020	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.195	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1580	CAMO-20-198969	GELC
MCO-7	39.0	07/22/2019	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.223	—	—	0.02	mg/L	Y	—	J+	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/23/2018	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.25	—	—	0.02	mg/L	Y	—	J+	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	08/07/2017	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.197	—	—	0.02	mg/L	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	07/26/2021	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	87.46	13.264	3.235	—	pCi/L	Y	Q	J-	N3B-2021-2175	CAMO-21-231037	ARSL
MCO-7	39.0	08/18/2020	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	80.251	12.174	2.927	—	pCi/L	Y	Q	J-	N3B-2020-1592	CAMO-20-198968	ARSL
MCO-7	39.0	07/22/2019	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	211.123	31.79	3.047	—	pCi/L	Y	—	NQ	N3B-2019-2777	CAMO-19-182827	ARSL
MCO-7	39.0	07/23/2018	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.909	0.793	2.716	—	pCi/L	Y	U	U	N3B-2018-3294	CAMO-18-159842	ARSL
MCO-7	39.0	08/07/2017	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	N	118	47.7	153	—	pCi/L	Y	U	U	2017-2378	CAMO-17-142060	GELC
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.437	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2158	CAMO-21-231038	GELC
MCO-7	39.0	08/18/2020	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.385	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1580	CAMO-20-198969	GELC
MCO-7	39.0	07/22/2019	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.526	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/23/2018	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.75	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	08/07/2017	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.825	—	—	0.067	µg/L	Y	—	NQ	2017-2378	CAMO-17-142053	GELC
MCO-7	39.0	07/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.64	—	—	1	µg/L	Y	J	J	N3B-2021-2158	CAMO-21-231038	GELC
MCO-7	39.0	08/18/2020	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.27	—	—	1	µg/L	Y	J	J	N3B-2020-1580	CAMO-20-198969	GELC
MCO-7	39.0	07/22/2019	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.71	—	—	1	µg/L	Y	J	J	N3B-2019-2613	CAMO-19-182826	GELC
MCO-7	39.0	07/23/2018	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.12	—	—	1	µg/L	Y	J	J	N3B-2018-3149	CAMO-18-159841	GELC
MCO-7	39.0	08/07/2017	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.98	—	—	1	µg/L	Y	J	J	2017-2378	CAMO-17-142053	GELC
PAO-5n	7.43	06/24/2022	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	06/18/2021	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	09/01/2020	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	06/24/2022	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
PAO-5n	7.43	06/18/2021	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	09/01/2020	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	06/24/2022	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	06/18/2021	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	09/01/2020	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	06/24/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	Y	195.9	—	—	—	ng/L	Y	—	NQ	N3B-2022-1951	CAPU-22-250824	GELC
PAO-5n	7.43	06/18/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	Y	107.61	—	—	—	ng/L	Y	—	NQ	N3B-2021-1876	CAPU-21-229562	GELC
PAO-5n	7.43	09/01/2020	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	Y	179.4	—	—	—	ng/L	Y	—	NQ	N3B-2020-1683	CAPU-20-206446	GELC
PCI-2	512.0	04/12/2022	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-2022-1284	CAPA-22-248765	GELC
PCI-2	512.0	04/06/2021	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.65	—	—	0.01	SU	Y	H	J	N3B-2021-1206	CAPA-21-221772	GELC
PCI-2	512.0	09/22/2020	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.76	—	—	0.01	SU	Y	H	NQ	N3B-2020-1865	CAPA-20-206521	GELC
PCI-2	512.0	10/28/2019	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-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	04/23/2019	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-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/12/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	48.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1284	CAPA-22-248765	GELC
PCI-2	512.0	04/06/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-1206	CAPA-21-221772	GELC
PCI-2	512.0	09/22/2020	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206521	GELC
PCI-2	512.0	10/28/2019	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	04/23/2019	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/12/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0157	0.0087	0.0377	—	pCi/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC
PCI-2	512.0	04/06/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.016	0.0193	0.107	—	pCi/L	Y	U	U	N3B-2021-1206	CAPA-21-221773	GELC
PCI-2	512.0	09/22/2020	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00927	0.00718	0.0336	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206522	GELC
PCI-2	512.0	04/23/2019	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0366	0.0112	0.0592	—	pCi/L	Y	U	U	N3B-2019-1471	CAPA-19-171722	GELC
PCI-2	512.0	04/17/2018	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00852	0.00614	0.0319	—	pCi/L	Y	U	U	2018-2453	CAPA-18-152861	GELC
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.17	—	—	2	µg/L	Y	J	J	N3B-2022-1284	CAPA-22-248765	GELC
PCI-2	512.0	04/06/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2021-1206	CAPA-21-221772	GELC
PCI-2	512.0	09/22/2020	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-1865	CAPA-20-206521	GELC
PCI-2	512.0	10/28/2019	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.65	—	—	2	µg/L	Y	J	J	N3B-2020-214	CAPA-20-188575	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 (ft)	Sample Date	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
PCI-2	512.0	04/23/2019	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.22	—	—	2	µg/L	Y	J	J	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	3.27	—	—	1	µg/L	Y	J	J	N3B-2022-1284	CAPA-22-248765	GELC
PCI-2	512.0	04/06/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	2.83	—	—	1	µg/L	Y	J	J	N3B-2021-1206	CAPA-21-221772	GELC
PCI-2	512.0	09/22/2020	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	3.41	—	—	1	µg/L	Y	J	J	N3B-2020-1865	CAPA-20-206521	GELC
PCI-2	512.0	10/28/2019	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	3.49	—	—	1	µg/L	Y	J	J	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	04/23/2019	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	3.44	—	—	1	µg/L	Y	J	J	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	8.86	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1284	CAPA-22-248765	GELC
PCI-2	512.0	04/06/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	8.65	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1206	CAPA-21-221772	GELC
PCI-2	512.0	09/22/2020	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	8.23	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206521	GELC
PCI-2	512.0	10/28/2019	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	8.06	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	04/23/2019	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	8.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/12/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.44	1.33	4.5	—	pCi/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC
PCI-2	512.0	04/06/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.812	1.39	5.48	—	pCi/L	Y	U	U	N3B-2021-1206	CAPA-21-221773	GELC
PCI-2	512.0	09/22/2020	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.126	0.94	3.36	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206522	GELC
PCI-2	512.0	04/23/2019	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.06	1.15	3.98	—	pCi/L	Y	U	U	N3B-2019-1471	CAPA-19-171722	GELC
PCI-2	512.0	04/17/2018	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.619	0.979	3.35	—	pCi/L	Y	U	U	2018-2453	CAPA-18-152861	GELC
PCI-2	512.0	04/12/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.5	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-1284	CAPA-22-248765	GELC
PCI-2	512.0	04/06/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.47	—	—	0.067	mg/L	Y	—	J+	N3B-2021-1206	CAPA-21-221772	GELC
PCI-2	512.0	09/22/2020	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.61	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206521	GELC
PCI-2	512.0	10/28/2019	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.42	—	—	0.067	mg/L	Y	—	J+	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	04/23/2019	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.29	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/12/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.294	1.19	4.64	—	pCi/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC
PCI-2	512.0	04/06/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.157	1.01	4.31	—	pCi/L	Y	U	U	N3B-2021-1206	CAPA-21-221773	GELC
PCI-2	512.0	09/22/2020	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.958	0.883	3.77	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206522	GELC
PCI-2	512.0	04/23/2019	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.2	1.19	4.95	—	pCi/L	Y	U	U	N3B-2019-1471	CAPA-19-171722	GELC
PCI-2	512.0	04/17/2018	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.06	0.937	3.69	—	pCi/L	Y	U	U	2018-2453	CAPA-18-152861	GELC
PCI-2	512.0	04/12/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.348	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-1284	CAPA-22-248765	GELC
PCI-2	512.0	04/06/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.232	—	—	0.066	mg/L	Y	—	NQ	N3B-2021-1206	CAPA-21-221772	GELC
PCI-2	512.0	09/22/2020	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.291	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206521	GELC
PCI-2	512.0	10/28/2019	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.26	—	—	0.033	mg/L	Y	—	J	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	04/23/2019	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.201	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/12/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	-0.433	0.453	2.55	—	pCi/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC
PCI-2	512.0	04/06/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0147	0.578	2.56	—	pCi/L	Y	U	U	N3B-2021-1206	CAPA-21-221773	GELC
PCI-2	512.0	09/22/2020	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.74	0.805	2.99	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206522	GELC
PCI-2	512.0	04/23/2019	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.627	0.713	2.69	—	pCi/L	Y	U	U	N3B-2019-1471	CAPA-19-171722	GELC
PCI-2	512.0	04/17/2018	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0526	0.411	1.44	—	pCi/L	Y	U	U	2018-2453	CAPA-18-152861	GELC
PCI-2	512.0	04/12/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	-0.919	0.697	2.73	—	pCi/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC
PCI-2	512.0	04/06/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.34	0.696	2.68	—	pCi/L	Y	U	U	N3B-2021-1206	CAPA-21-221773	GELC
PCI-2	512.0	09/22/2020	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.572	0.667	2.33	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206522	GELC
PCI-2	512.0	04/23/2019	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.28	0.82	2.47	—	pCi/L	Y	U	U	N3B-2019-1471	CAPA-19-171722	GELC
PCI-2	512.0	04/17/2018	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.14	0.844	2.81	—	pCi/L	Y	U	U	2018-2453	CAPA-18-152861	GELC
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	31.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1284	CAPA-22-248765	GELC
PCI-2	512.0	04/06/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	30.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-1206	CAPA-21-221772	GELC
PCI-2	512.0	09/22/2020	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	30.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206521	GELC
PCI-2	512.0	10/28/2019	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	29.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	04/23/2019	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	29.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	2.2	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1284	CAPA-22-248765	GELC
PCI-2	512.0	04/06/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.17	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-1206	CAPA-21-221772	GELC
PCI-2	512.0	09/22/2020	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.31	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206521	GELC
PCI-2	512.0	10/28/2019	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.22	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	04/23/2019	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.01	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.28	—	—	0.2	µg/L	Y	—	J+	N3B-2022-1284	CAPA-22-248765	GELC
PCI-2	512.0	04/06/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.08	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-1206	CAPA-21-221772	GELC
PCI-2	512.0	09/22/2020	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.13	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206521	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 (ft)	Sample Date	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
PCI-2	512.0	10/28/2019	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.11	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	04/23/2019	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.08	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/12/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.96	2.3	6.46	—	pCi/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC
PCI-2	512.0	04/06/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.48	2.56	9.38	—	pCi/L	Y	U	U	N3B-2021-1206	CAPA-21-221773	GELC
PCI-2	512.0	09/22/2020	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.07	1.8	6.78	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206522	GELC
PCI-2	512.0	04/23/2019	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.56	2.18	8.5	—	pCi/L	Y	U	U	N3B-2019-1471	CAPA-19-171722	GELC
PCI-2	512.0	04/17/2018	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.5	2.02	7.52	—	pCi/L	Y	U	U	2018-2453	CAPA-18-152861	GELC
PCI-2	512.0	04/12/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.108	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-1284	CAPA-22-248765	GELC
PCI-2	512.0	04/06/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.105	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-1206	CAPA-21-221772	GELC
PCI-2	512.0	09/22/2020	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0967	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206521	GELC
PCI-2	512.0	10/28/2019	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.104	—	—	0.017	mg/L	Y	—	J-	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	04/23/2019	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.108	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/12/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.161	—	—	0.05	µg/L	Y	J	J	N3B-2022-1284	CAPA-22-248765	GELC
PCI-2	512.0	04/06/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.165	—	—	0.05	µg/L	Y	J	J	N3B-2021-1206	CAPA-21-221772	GELC
PCI-2	512.0	09/22/2020	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.163	—	—	0.05	µg/L	Y	J	J	N3B-2020-1865	CAPA-20-206521	GELC
PCI-2	512.0	10/28/2019	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.172	—	—	0.05	µg/L	Y	J	J	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	04/23/2019	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.179	—	—	0.05	µg/L	Y	J	J	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/12/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0136	0.0176	0.0815	—	pCi/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC
PCI-2	512.0	04/06/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0232	0.00778	0.0387	—	pCi/L	Y	U	UJ	N3B-2021-1206	CAPA-21-221773	GELC
PCI-2	512.0	09/22/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0169	0.00847	0.046	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206522	GELC
PCI-2	512.0	04/23/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00742	0.0082	0.0697	—	pCi/L	Y	U	U	N3B-2019-1471	CAPA-19-171722	GELC
PCI-2	512.0	04/17/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00992	0.00768	0.0421	—	pCi/L	Y	U	U	2018-2453	CAPA-18-152861	GELC
PCI-2	512.0	04/12/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0136	0.0208	0.123	—	pCi/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC
PCI-2	512.0	04/06/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0303	0.00927	0.0401	—	pCi/L	Y	U	UJ	N3B-2021-1206	CAPA-21-221773	GELC
PCI-2	512.0	09/22/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0275	0.00923	0.0623	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206522	GELC
PCI-2	512.0	04/23/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00988	0.00781	0.0642	—	pCi/L	Y	U	U	N3B-2019-1471	CAPA-19-171722	GELC
PCI-2	512.0	04/17/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00687	0.0454	—	pCi/L	Y	U	U	2018-2453	CAPA-18-152861	GELC
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	0.244	—	—	0.05	mg/L	Y	J	J	N3B-2022-1284	CAPA-22-248765	GELC
PCI-2	512.0	04/06/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	0.289	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1206	CAPA-21-221772	GELC
PCI-2	512.0	09/22/2020	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	0.275	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206521	GELC
PCI-2	512.0	10/28/2019	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	0.297	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	04/23/2019	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	0.165	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/12/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	23.2	20.5	37.1	—	pCi/L	Y	U	UJ	N3B-2022-1284	CAPA-22-248766	GELC
PCI-2	512.0	04/06/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	48.4	28.3	40.9	—	pCi/L	Y	UI	U	N3B-2021-1206	CAPA-21-221773	GELC
PCI-2	512.0	09/22/2020	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	1.78	16.5	61.3	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206522	GELC
PCI-2	512.0	04/23/2019	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	2.51	16.2	66.6	—	pCi/L	Y	U	U	N3B-2019-1471	CAPA-19-171722	GELC
PCI-2	512.0	04/17/2018	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-13.3	14.7	51.8	—	pCi/L	Y	U	U	2018-2453	CAPA-18-152861	GELC
PCI-2	512.0	04/12/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.584	0.179	0.442	—	pCi/L	Y	—	U	N3B-2022-1284	CAPA-22-248766	GELC
PCI-2	512.0	04/06/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.617	0.159	0.394	—	pCi/L	Y	—	U	N3B-2021-1206	CAPA-21-221773	GELC
PCI-2	512.0	09/22/2020	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.32	0.0999	0.204	—	pCi/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206522	GELC
PCI-2	512.0	04/12/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.972	0.281	—	—	pCi/L	Y	J	U	N3B-2022-1284	CAPA-22-248766	GELC
PCI-2	512.0	04/06/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	1.18	0.296	—	—	pCi/L	Y	—	U	N3B-2021-1206	CAPA-21-221773	GELC
PCI-2	512.0	09/22/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.32	0.169	—	—	pCi/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206522	GELC
PCI-2	512.0	04/12/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.388	0.216	0.689	—	pCi/L	Y	U	UJ	N3B-2022-1284	CAPA-22-248766	GELC
PCI-2	512.0	04/06/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.56	0.25	0.784	—	pCi/L	Y	U	UJ	N3B-2021-1206	CAPA-21-221773	GELC
PCI-2	512.0	09/22/2020	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0607	0.137	0.517	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206522	GELC
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	67.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1284	CAPA-22-248765	GELC
PCI-2	512.0	04/06/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-1206	CAPA-21-221772	GELC
PCI-2	512.0	09/22/2020	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206521	GELC
PCI-2	512.0	10/28/2019	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	04/23/2019	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	11.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1284	CAPA-22-248765	GELC
PCI-2	512.0	04/06/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-1206	CAPA-21-221772	GELC
PCI-2	512.0	09/22/2020	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206521	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 (ft)	Sample Date	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
PCI-2	512.0	10/28/2019	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	04/23/2019	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/12/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.202	0.849	3.28	—	pCi/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC
PCI-2	512.0	04/06/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.06	1.23	5.99	—	pCi/L	Y	U	U	N3B-2021-1206	CAPA-21-221773	GELC
PCI-2	512.0	09/22/2020	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.398	1.24	3.93	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206522	GELC
PCI-2	512.0	04/23/2019	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0494	1.4	4.95	—	pCi/L	Y	U	U	N3B-2019-1471	CAPA-19-171722	GELC
PCI-2	512.0	04/17/2018	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.829	1.01	3.56	—	pCi/L	Y	U	U	2018-2453	CAPA-18-152861	GELC
PCI-2	512.0	04/12/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	116	—	—	1	µScm	Y	—	NQ	N3B-2022-1284	CAPA-22-248765	GELC
PCI-2	512.0	04/06/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	117	—	—	1	µScm	Y	—	NQ	N3B-2021-1206	CAPA-21-221772	GELC
PCI-2	512.0	09/22/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	108	—	—	1	µScm	Y	—	NQ	N3B-2020-1865	CAPA-20-206521	GELC
PCI-2	512.0	10/28/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	93.1	—	—	1	µScm	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	04/23/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	109	—	—	1	µScm	Y	—	NQ	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	46.7	—	—	1	µg/L	Y	—	NQ	N3B-2022-1284	CAPA-22-248765	GELC
PCI-2	512.0	04/06/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	46.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-1206	CAPA-21-221772	GELC
PCI-2	512.0	09/22/2020	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	46.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206521	GELC
PCI-2	512.0	10/28/2019	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	44.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	04/23/2019	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	44.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/12/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.709	0.173	0.478	—	pCi/L	Y	—	U	N3B-2022-1284	CAPA-22-248766	GELC
PCI-2	512.0	04/06/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0205	0.0729	0.249	—	pCi/L	Y	U	U	N3B-2021-1206	CAPA-21-221773	GELC
PCI-2	512.0	09/22/2020	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.229	0.148	0.492	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206522	GELC
PCI-2	512.0	04/23/2019	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0432	0.0934	0.321	—	pCi/L	Y	U	U	N3B-2019-1471	CAPA-19-171722	GELC
PCI-2	512.0	04/17/2018	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.248	0.0844	0.271	—	pCi/L	Y	U	U	2018-2453	CAPA-18-152861	GELC
PCI-2	512.0	04/12/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.89	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-1284	CAPA-22-248765	GELC
PCI-2	512.0	04/06/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.76	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-1206	CAPA-21-221772	GELC
PCI-2	512.0	09/22/2020	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.71	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206521	GELC
PCI-2	512.0	10/28/2019	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.7	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	04/23/2019	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.79	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/12/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	101	—	—	3.4	mg/L	Y	—	J	N3B-2022-1284	CAPA-22-248765	GELC
PCI-2	512.0	04/06/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	127	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-1206	CAPA-21-221772	GELC
PCI-2	512.0	09/22/2020	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206521	GELC
PCI-2	512.0	10/28/2019	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	67.1	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	04/23/2019	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	92.9	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.318	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-1284	CAPA-22-248765	GELC
PCI-2	512.0	04/06/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.301	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-1206	CAPA-21-221772	GELC
PCI-2	512.0	09/22/2020	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.323	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206521	GELC
PCI-2	512.0	10/28/2019	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.301	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	04/23/2019	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.339	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1471	CAPA-19-171721	GELC
PCI-2	512.0	04/12/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.192	0.0257	0.0485	—	pCi/L	Y	—	NQ	N3B-2022-1284	CAPA-22-248766	GELC
PCI-2	512.0	04/06/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.0773	0.0247	0.0742	—	pCi/L	Y	—	NQ	N3B-2021-1206	CAPA-21-221773	GELC
PCI-2	512.0	09/22/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.232	0.0365	0.0964	—	pCi/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206522	GELC
PCI-2	512.0	04/23/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.214	0.0311	0.117	—	pCi/L	Y	—	J	N3B-2019-1471	CAPA-19-171722	GELC
PCI-2	512.0	04/17/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.254	0.0281	0.101	—	pCi/L	Y	—	NQ	2018-2453	CAPA-18-152861	GELC
PCI-2	512.0	04/12/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00928	0.00929	0.0353	—	pCi/L	Y	U	U	N3B-2022-1284	CAPA-22-248766	GELC
PCI-2	512.0	04/06/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.0127	0.0732	—	pCi/L	Y	U	U	N3B-2021-1206	CAPA-21-221773	GELC
PCI-2	512.0	09/22/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0115	0.0126	0.0636	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206522	GELC
PCI-2	512.0	04/23/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0101	0.0091	0.0858	—	pCi/L	Y	U	U	N3B-2019-1471	CAPA-19-171722	GELC
PCI-2	512.0	04/17/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0547	0.0145	0.0479	—	pCi/L	Y	—	NQ	2018-2453	CAPA-18-152861	GELC
PCI-2	512.0	04/12/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.118	0.0194	0.0449	—	pCi/L	Y	—	NQ	N3B-2022-1284	CAPA-22-248766	GELC
PCI-2	512.0	04/06/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0828	0.0192	0.0747	—	pCi/L	Y	—	NQ	N3B-2021-1206	CAPA-21-221773	GELC
PCI-2	512.0	09/22/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.133	0.0257	0.0862	—	pCi/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206522	GELC
PCI-2	512.0	04/23/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0816	0.0195	0.0862	—	pCi/L	Y	U	U	N3B-2019-1471	CAPA-19-171722	GELC
PCI-2	512.0	04/17/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.105	0.0196	0.0618	—	pCi/L	Y	—	NQ	2018-2453	CAPA-18-152861	GELC
PCI-2	512.0	04/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	1.08	—	—	1	µg/L	Y	J	J	N3B-2022-1284	CAPA-22-248765	GELC
PCI-2	512.0	04/06/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.33	—	—	1	µg/L	Y	J	J	N3B-2021-1206	CAPA-21-221772	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 (ft)	Sample Date	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
PCI-2	512.0	09/22/2020	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.62	—	—	1	µg/L	Y	J	J	N3B-2020-1865	CAPA-20-206521	GELC
PCI-2	512.0	10/28/2019	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.4	—	—	1	µg/L	Y	J	J	N3B-2020-214	CAPA-20-188575	GELC
PCI-2	512.0	04/23/2019	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.41	—	—	1	µg/L	Y	J	J	N3B-2019-1471	CAPA-19-171721	GELC
POI-4	159.0	06/20/2022	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	06/10/2021	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	09/08/2020	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	06/12/2019	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	09/19/2018	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.52	—	—	0.01	SU	Y	H	NQ	N3B-2018-3918	CAPU-18-160779	GELC
POI-4	159.0	06/20/2022	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	06/10/2021	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	09/08/2020	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	06/12/2019	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
POI-4	159.0	09/19/2018	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	177	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-3918	CAPU-18-160779	GELC
POI-4	159.0	06/20/2022	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	06/10/2021	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	09/08/2020	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	06/12/2019	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	09/19/2018	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.48	—	—	2	µg/L	Y	J	J	N3B-2018-3918	CAPU-18-160779	GELC
POI-4	159.0	06/20/2022	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	06/10/2021	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	09/08/2020	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	06/12/2019	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	09/19/2018	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	103	—	—	1	µg/L	Y	—	NQ	N3B-2018-3918	CAPU-18-160779	GELC
POI-4	159.0	06/20/2022	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	06/10/2021	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	09/08/2020	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	06/12/2019	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	09/19/2018	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	219	—	—	15	µg/L	Y	—	NQ	N3B-2018-3918	CAPU-18-160779	GELC
POI-4	159.0	06/20/2022	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	06/10/2021	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	09/08/2020	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	06/12/2019	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	09/19/2018	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	45.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3918	CAPU-18-160779	GELC
POI-4	159.0	06/20/2022	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	06/10/2021	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	09/08/2020	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	06/12/2019	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	09/19/2018	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	50.4	—	—	0.67	mg/L	Y	—	NQ	N3B-2018-3918	CAPU-18-160779	GELC
POI-4	159.0	06/20/2022	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	06/10/2021	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	09/08/2020	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	06/12/2019	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	09/19/2018	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.349	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-3918	CAPU-18-160779	GELC
POI-4	159.0	06/20/2022	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	06/10/2021	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	09/08/2020	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	06/12/2019	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	09/19/2018	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	162	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-3918	CAPU-18-160779	GELC
POI-4	159.0	06/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	Y	48.2	—	—	30	µg/L	Y	J	J	N3B-2022-1783	CAPU-22-250829	GELC
POI-4	159.0	06/10/2021	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2021-1813	CAPU-21-229570	GELC
POI-4	159.0	09/08/2020	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2020-1720	CAPU-20-206448	GELC
POI-4	159.0	06/12/2019	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2019-2183	CAPU-19-181504	GELC
POI-4	159.0	09/19/2018	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2018-3918	CAPU-18-160779	GELC
POI-4	159.0	06/20/2022	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

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 (ft)	Sample Date	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	06/10/2021	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	09/08/2020	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	06/12/2019	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	09/19/2018	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	11.7	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-3918	CAPU-18-160779	GELC
POI-4	159.0	06/20/2022	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	06/10/2021	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	09/08/2020	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	06/12/2019	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	09/19/2018	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.83	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-3918	CAPU-18-160779	GELC
POI-4	159.0	06/20/2022	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	06/10/2021	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	09/08/2020	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	06/12/2019	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	09/19/2018	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	7.87	—	—	0.6	µg/L	Y	—	NQ	N3B-2018-3918	CAPU-18-160779	GELC
POI-4	159.0	06/20/2022	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	06/10/2021	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	09/08/2020	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	06/12/2019	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	09/19/2018	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.341	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-3918	CAPU-18-160779	GELC
POI-4	159.0	06/20/2022	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	06/10/2021	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	09/08/2020	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	06/20/2022	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	06/10/2021	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	09/08/2020	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	06/20/2022	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	06/10/2021	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	09/08/2020	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	06/20/2022	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	06/10/2021	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	09/08/2020	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	06/12/2019	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	09/19/2018	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	8.68	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3918	CAPU-18-160779	GELC
POI-4	159.0	06/20/2022	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	06/10/2021	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	09/08/2020	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	06/12/2019	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	09/19/2018	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	52	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-3918	CAPU-18-160779	GELC
POI-4	159.0	06/20/2022	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	06/10/2021	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	09/08/2020	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	06/12/2019	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	09/19/2018	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	44.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-3918	CAPU-18-160779	GELC
POI-4	159.0	06/20/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	584	—	—	1	µScm	Y	—	NQ	N3B-2022-1783	CAPU-22-250829	GELC
POI-4	159.0	06/10/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	590	—	—	1	µScm	Y	—	NQ	N3B-2021-1813	CAPU-21-229570	GELC
POI-4	159.0	09/08/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	612	—	—	1	µScm	Y	—	NQ	N3B-2020-1720	CAPU-20-206448	GELC
POI-4	159.0	06/12/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	584	—	—	1	µScm	Y	—	NQ	N3B-2019-2183	CAPU-19-181504	GELC
POI-4	159.0	09/19/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	592	—	—	1	µScm	Y	—	NQ	N3B-2018-3918	CAPU-18-160779	GELC
POI-4	159.0	06/20/2022	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	06/10/2021	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	09/08/2020	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	06/12/2019	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	09/19/2018	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	233	—	—	1	µg/L	Y	—	NQ	N3B-2018-3918	CAPU-18-160779	GELC
POI-4	159.0	06/20/2022	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

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 (ft)	Sample Date	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	06/10/2021	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
POI-4	159.0	09/08/2020	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	06/12/2019	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	09/19/2018	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	33	—	—	1.33	mg/L	Y	—	NQ	N3B-2018-3918	CAPU-18-160779	GELC
POI-4	159.0	06/20/2022	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	06/10/2021	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	09/08/2020	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	06/12/2019	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	09/19/2018	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	371	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-3918	CAPU-18-160779	GELC
POI-4	159.0	06/20/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	Y	136.7	—	—	—	ng/L	Y	—	NQ	N3B-2022-1783	CAPU-22-250828	GELC
POI-4	159.0	06/10/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	Y	89.7	—	—	—	ng/L	Y	—	NQ	N3B-2021-1813	CAPU-21-229566	GELC
POI-4	159.0	09/08/2020	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	Y	107.6	—	—	—	ng/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206449	GELC
POI-4	159.0	06/20/2022	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	06/10/2021	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	09/08/2020	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	06/12/2019	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	09/19/2018	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	2.93	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-3918	CAPU-18-160779	GELC
POI-4	159.0	06/20/2022	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	06/10/2021	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	09/08/2020	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	06/12/2019	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	09/19/2018	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.09	—	—	1	µg/L	Y	J	J	N3B-2018-3918	CAPU-18-160779	GELC
POI-4	159.0	06/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	5.34	—	—	3.3	µg/L	Y	J	J	N3B-2022-1783	CAPU-22-250829	GELC
POI-4	159.0	06/10/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.86	—	—	3.3	µg/L	Y	J	J	N3B-2021-1813	CAPU-21-229570	GELC
POI-4	159.0	09/08/2020	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	35.7	—	—	3.3	µg/L	Y	—	J+	N3B-2020-1720	CAPU-20-206448	GELC
POI-4	159.0	06/12/2019	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	12.3	—	—	3.3	µg/L	Y	J	J	N3B-2019-2183	CAPU-19-181504	GELC
POI-4	159.0	09/19/2018	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5.3	—	—	3.3	µg/L	Y	J	U	N3B-2018-3918	CAPU-18-160779	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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	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	11/07/2019	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	11/14/2018	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	11/23/2015	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.67	—	—	0.01	SU	Y	H	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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	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	11/07/2019	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	11/14/2018	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	11/23/2015	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.9	—	—	0.725	mg/L	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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	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	11/07/2019	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
R-10 S1	874.0	11/14/2018	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	11/23/2015	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0021	0.00629	0.0283	—	pCi/L	Y	U	U	2016-395	CASA-16-106237	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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	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	11/07/2019	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	11/14/2018	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	11/23/2015	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.3	—	—	1.7	µg/L	Y	J	J	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	47.2	—	—	1	µg/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 (ft)	Sample Date	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	11/07/2019	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	11/14/2018	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	11/23/2015	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	43.4	—	—	1	µg/L	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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	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	11/07/2019	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	11/14/2018	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	11/23/2015	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	22.7	—	—	15	µg/L	Y	J	J	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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	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	11/07/2019	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	11/14/2018	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	11/23/2015	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	19.6	—	—	0.05	mg/L	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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	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	11/07/2019	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	11/14/2018	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	11/23/2015	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0478	1.15	4.08	—	pCi/L	Y	U	U	2016-395	CASA-16-106237	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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	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	11/07/2019	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	11/14/2018	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	11/23/2015	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.6	—	—	0.067	mg/L	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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	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	11/07/2019	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	11/14/2018	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	11/23/2015	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.3	—	—	2	µg/L	Y	J	J	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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	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	11/07/2019	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	11/14/2018	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	11/23/2015	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.73	1.22	4.97	—	pCi/L	Y	U	U	2016-395	CASA-16-106237	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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	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	11/07/2019	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	11/14/2018	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	11/23/2015	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.257	—	—	0.033	mg/L	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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
R-10 S1	874.0	11/05/2020	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	11/07/2019	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	11/14/2018	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	11/23/2015	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.515	0.712	2.99	—	pCi/L	Y	U	U	2016-395	CASA-16-106237	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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	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

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 (ft)	Sample Date	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	11/07/2019	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	11/14/2018	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	11/23/2015	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.75	0.907	2.96	—	pCi/L	Y	U	U	2016-395	CASA-16-106237	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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	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	11/07/2019	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	11/14/2018	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	11/23/2015	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	65.6	—	—	0.453	mg/L	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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	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	11/07/2019	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	11/14/2018	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	11/23/2015	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.03	—	—	0.11	mg/L	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.16	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC
R-10 S1	874.0	11/05/2020	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.28	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-312	CASA-21-210605	GELC
R-10 S1	874.0	11/05/2020	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.22	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-312	CASA-21-210607	GELC
R-10 S1	874.0	11/07/2019	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.16	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/14/2018	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.16	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/23/2015	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.21	—	—	0.165	µg/L	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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	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	11/07/2019	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	11/14/2018	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	11/23/2015	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.74	2.13	7.66	—	pCi/L	Y	U	U	2016-395	CASA-16-106237	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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	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	11/07/2019	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	11/14/2018	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	11/23/2015	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.47	—	—	0.017	mg/L	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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	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	11/07/2019	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	11/14/2018	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	11/23/2015	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.44	—	—	0.05	µg/L	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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	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	11/07/2019	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	11/14/2018	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	11/23/2015	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00257	0.00574	0.03	—	pCi/L	Y	U	U	2016-395	CASA-16-106237	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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	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	11/07/2019	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	11/14/2018	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	11/23/2015	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00256	0.00925	0.0577	—	pCi/L	Y	U	U	2016-395	CASA-16-106237	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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	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

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 (ft)	Sample Date	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	11/07/2019	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	11/14/2018	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	11/23/2015	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.64	—	—	0.05	mg/L	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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	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
R-10 S1	874.0	11/07/2019	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	11/14/2018	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	11/23/2015	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	18.4	14.1	39.4	—	pCi/L	Y	U	U	2016-395	CASA-16-106237	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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	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	11/07/2019	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	11/15/2007	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	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	11/04/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	11/05/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	UF	INIT	FD	RAD	Generic:Radium by Calculation	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	11/07/2019	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	11/04/2021	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	11/05/2020	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	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	11/07/2019	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	11/15/2007	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	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	11/04/2021	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	11/05/2020	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	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	11/07/2019	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	11/14/2018	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	11/23/2015	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	61.9	—	—	0.053	mg/L	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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	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	11/07/2019	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	11/14/2018	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	11/23/2015	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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	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	11/07/2019	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	11/14/2018	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	11/23/2015	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.325	0.973	3.65	—	pCi/L	Y	U	U	2016-395	CASA-16-106237	GELC
R-10 S1	874.0	11/04/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	177	—	—	1	µScm	Y	—	NQ	N3B-2022-324	CASA-22-236463	GELC
R-10 S1	874.0	11/05/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	187	—	—	1	µScm	Y	—	NQ	N3B-2021-312	CASA-21-210605	GELC
R-10 S1	874.0	11/05/2020	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	187	—	—	1	µScm	Y	—	NQ	N3B-2021-312	CASA-21-210607	GELC
R-10 S1	874.0	11/07/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	155	—	—	1	µScm	Y	—	NQ	N3B-2020-288	CASA-20-189237	GELC
R-10 S1	874.0	11/14/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	179	—	—	1	µScm	Y	—	NQ	N3B-2019-477	CASA-19-164034	GELC
R-10 S1	874.0	11/23/2015	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	165	—	—	3.63	µScm	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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	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	11/07/2019	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	11/14/2018	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	101	—	—	1	µg/L	Y	—	NQ	N3B-2019-477	CASA-19-164034	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 (ft)	Sample Date	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	11/23/2015	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	101	—	—	1	µg/L	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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	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	11/07/2019	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	11/14/2018	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	11/23/2015	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.184	0.12	0.489	—	pCi/L	Y	U	U	2016-395	CASA-16-106237	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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	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
R-10 S1	874.0	11/07/2019	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	11/14/2018	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	11/23/2015	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.16	—	—	0.133	mg/L	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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	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	11/07/2019	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	11/14/2018	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	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	11/23/2015	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	3.4	mg/L	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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	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	11/07/2019	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	11/14/2018	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	11/23/2015	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.01	—	—	0.067	µg/L	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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	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	11/07/2019	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	11/14/2018	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	11/23/2015	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.694	0.0421	0.0804	—	pCi/L	Y	—	NQ	2016-395	CASA-16-106237	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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	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	11/07/2019	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	11/14/2018	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	11/23/2015	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0122	0.00746	0.0701	—	pCi/L	Y	U	U	2016-395	CASA-16-106237	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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	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	11/07/2019	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	11/14/2018	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	11/23/2015	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.345	0.0295	0.0794	—	pCi/L	Y	—	NQ	2016-395	CASA-16-106237	GELC
R-10 S1	874.0	11/04/2021	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	11/05/2020	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	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	11/07/2019	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	11/14/2018	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	11/23/2015	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12	—	—	1	µg/L	Y	—	NQ	2016-395	CASA-16-106250	GELC
R-10 S2	1042.0	11/04/2021	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	11/05/2020	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	11/07/2019	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	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

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 (ft)	Sample Date	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	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	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	09/02/2015	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.12	—	—	0.01	SU	Y	H	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	11/04/2021	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	11/05/2020	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	11/07/2019	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	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	11/14/2018	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	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	09/02/2015	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	90.3	—	—	0.725	mg/L	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	11/04/2021	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	11/05/2020	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	11/07/2019	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	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	11/14/2018	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	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
R-10 S2	1042.0	09/02/2015	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0121	0.0111	0.0389	—	pCi/L	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	11/04/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0251	—	—	0.017	mg/L	Y	J	J	N3B-2022-324	CASA-22-236467	GELC
R-10 S2	1042.0	11/05/2020	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2021-312	CASA-21-210610	GELC
R-10 S2	1042.0	11/07/2019	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.141	—	—	0.017	mg/L	Y	—	J+	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0653	—	—	0.017	mg/L	Y	—	U	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/14/2018	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-477	CASA-19-164038	GELC
R-10 S2	1042.0	11/14/2018	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0247	—	—	0.017	mg/L	Y	J	U	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	09/02/2015	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0809	—	—	0.017	mg/L	Y	—	U	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	11/04/2021	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	11/05/2020	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	11/07/2019	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	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	11/14/2018	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	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	09/02/2015	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	11/04/2021	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	11/05/2020	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	11/07/2019	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	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	11/14/2018	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	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	09/02/2015	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	37.5	—	—	1	µg/L	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	11/04/2021	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	11/05/2020	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	11/07/2019	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	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	11/14/2018	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	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	09/02/2015	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	32.6	—	—	15	µg/L	Y	J	J	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	11/04/2021	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	11/05/2020	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	11/07/2019	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	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	11/14/2018	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	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	09/02/2015	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.5	—	—	0.05	mg/L	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	11/04/2021	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	11/05/2020	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

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 (ft)	Sample Date	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	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	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	11/14/2018	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	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	09/02/2015	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.3	1.56	5.55	—	pCi/L	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	11/04/2021	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	11/05/2020	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	11/07/2019	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	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	11/14/2018	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	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	09/02/2015	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.74	—	—	0.067	mg/L	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	11/04/2021	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	11/05/2020	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	11/07/2019	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	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	11/14/2018	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	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	09/02/2015	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.87	1.22	5.5	—	pCi/L	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	11/04/2021	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	11/05/2020	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	11/07/2019	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	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	11/14/2018	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	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	09/02/2015	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.217	—	—	0.033	mg/L	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	11/04/2021	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	11/05/2020	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	11/07/2019	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	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	11/14/2018	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	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	09/02/2015	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.75	0.908	2.81	—	pCi/L	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	11/04/2021	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	11/05/2020	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	11/07/2019	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	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	11/14/2018	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	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	09/02/2015	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.81	0.732	2.11	—	pCi/L	Y	—	NQ	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	11/04/2021	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	11/05/2020	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	11/07/2019	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	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	11/14/2018	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	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	09/02/2015	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	73.6	—	—	0.453	mg/L	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	11/04/2021	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	11/05/2020	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	11/07/2019	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	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	11/14/2018	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	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	09/02/2015	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.82	—	—	0.11	mg/L	Y	—	NQ	2015-2299	CASA-15-102645	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 (ft)	Sample Date	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	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.14	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC
R-10 S2	1042.0	11/05/2020	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.42	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-312	CASA-21-210610	GELC
R-10 S2	1042.0	11/07/2019	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.16	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.16	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/14/2018	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.17	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-477	CASA-19-164038	GELC
R-10 S2	1042.0	11/14/2018	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.21	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	09/02/2015	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.16	—	—	0.165	µg/L	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	11/04/2021	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	11/05/2020	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	11/07/2019	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	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	11/14/2018	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	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	09/02/2015	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.02	2.98	10.7	—	pCi/L	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	11/04/2021	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	11/05/2020	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	11/07/2019	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	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	11/14/2018	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	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	09/02/2015	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.545	—	—	0.085	mg/L	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	11/04/2021	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	11/05/2020	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	11/07/2019	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	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	11/14/2018	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	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	09/02/2015	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.494	—	—	0.05	µg/L	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	11/04/2021	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	11/05/2020	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	11/07/2019	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	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	11/14/2018	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	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	09/02/2015	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00905	0.0096	0.0454	—	pCi/L	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	11/04/2021	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	11/05/2020	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
R-10 S2	1042.0	11/07/2019	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	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	11/14/2018	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	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	09/02/2015	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00226	0.00678	0.0405	—	pCi/L	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	11/04/2021	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	11/05/2020	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	11/07/2019	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	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	11/14/2018	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	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	09/02/2015	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.84	—	—	0.05	mg/L	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	11/04/2021	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	11/05/2020	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	11/07/2019	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	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	11/14/2018	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

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 (ft)	Sample Date	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	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	09/02/2015	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.2	23.2	73.5	—	pCi/L	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	11/04/2021	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	11/05/2020	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	11/07/2019	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	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	11/15/2007	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	11/04/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	11/05/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	11/07/2019	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	UF	INIT	FD	RAD	Generic:Radium by Calculation	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	11/04/2021	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	11/05/2020	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	11/07/2019	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	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	11/15/2007	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	11/04/2021	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	11/05/2020	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	11/07/2019	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	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	11/14/2018	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	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	09/02/2015	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.4	—	—	0.053	mg/L	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	11/04/2021	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	11/05/2020	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	11/07/2019	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	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	11/14/2018	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	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	09/02/2015	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.8	—	—	0.1	mg/L	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	11/04/2021	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	11/05/2020	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	11/07/2019	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	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	11/14/2018	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	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	09/02/2015	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.261	1.9	7.2	—	pCi/L	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	11/04/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	198	—	—	1	µScm	Y	—	NQ	N3B-2022-324	CASA-22-236467	GELC
R-10 S2	1042.0	11/05/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	207	—	—	1	µScm	Y	—	NQ	N3B-2021-312	CASA-21-210610	GELC
R-10 S2	1042.0	11/07/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	176	—	—	1	µScm	Y	—	NQ	N3B-2020-288	CASA-20-189269	GELC
R-10 S2	1042.0	11/07/2019	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	175	—	—	1	µScm	Y	—	NQ	N3B-2020-288	CASA-20-189278	GELC
R-10 S2	1042.0	11/14/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	201	—	—	1	µScm	Y	—	NQ	N3B-2019-477	CASA-19-164038	GELC
R-10 S2	1042.0	11/14/2018	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	198	—	—	1	µScm	Y	—	NQ	N3B-2019-477	CASA-19-164040	GELC
R-10 S2	1042.0	09/02/2015	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	181	—	—	1	µScm	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	11/04/2021	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	11/05/2020	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	11/07/2019	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	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	11/14/2018	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	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	09/02/2015	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	98.9	—	—	1	µg/L	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	11/04/2021	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	11/05/2020	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	11/07/2019	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

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 (ft)	Sample Date	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	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	11/14/2018	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	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	09/02/2015	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0726	0.124	0.494	—	pCi/L	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	11/04/2021	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	11/05/2020	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	11/07/2019	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	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	11/14/2018	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	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	09/02/2015	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.95	—	—	0.133	mg/L	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	11/04/2021	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	11/05/2020	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	11/07/2019	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	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	11/14/2018	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	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	09/02/2015	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	3.4	mg/L	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	11/04/2021	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	11/05/2020	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	11/07/2019	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	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	11/14/2018	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	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	09/02/2015	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.43	—	—	0.067	µg/L	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10 S2	1042.0	11/04/2021	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	11/05/2020	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	11/07/2019	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	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	11/14/2018	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	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	09/02/2015	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.969	0.06	0.143	—	pCi/L	Y	—	NQ	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	11/04/2021	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	11/05/2020	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	11/07/2019	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	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	11/14/2018	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	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	09/02/2015	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0852	0.0203	0.101	—	pCi/L	Y	U	U	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	11/04/2021	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	11/05/2020	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	11/07/2019	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	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	11/14/2018	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	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	09/02/2015	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.458	0.0412	0.132	—	pCi/L	Y	—	NQ	2015-2299	CASA-15-102631	GELC
R-10 S2	1042.0	11/04/2021	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	11/05/2020	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-312	CASA-21-210610	GELC
R-10 S2	1042.0	11/07/2019	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	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	11/14/2018	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	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	09/02/2015	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	11.2	—	—	1	µg/L	Y	—	NQ	2015-2299	CASA-15-102645	GELC
R-10a	690.0	05/06/2022	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

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 (ft)	Sample Date	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	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	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	05/18/2021	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	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	11/05/2020	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	08/20/2020	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.16	—	—	0.01	SU	Y	H	NQ	N3B-2020-1595	CASA-20-205913	GELC
R-10a	690.0	11/07/2019	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.14	—	—	0.01	SU	Y	H	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	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	08/20/2020	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	91.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1595	CASA-20-205913	GELC
R-10a	690.0	11/07/2019	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	92.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	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	08/20/2020	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00000000537	0.0126	0.0407	—	pCi/L	Y	U	U	N3B-2020-1595	CASA-20-205912	GELC
R-10a	690.0	11/07/2019	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00964	0.00835	0.0483	—	pCi/L	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	05/06/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0462	—	—	0.017	mg/L	Y	J	J	N3B-2022-1448	CASA-22-249213	GELC
R-10a	690.0	11/04/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0462	—	—	0.017	mg/L	Y	J	J	N3B-2022-324	CASA-22-236471	GELC
R-10a	690.0	11/04/2021	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0317	—	—	0.017	mg/L	Y	J	J	N3B-2022-324	CASA-22-236475	GELC
R-10a	690.0	05/18/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0667	—	—	0.017	mg/L	Y	—	U	N3B-2021-1615	CASA-21-224397	GELC
R-10a	690.0	05/18/2021	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0207	—	—	0.017	mg/L	Y	J	U	N3B-2021-1615	CASA-21-224399	GELC
R-10a	690.0	11/05/2020	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2021-312	CASA-21-210613	GELC
R-10a	690.0	08/20/2020	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0795	—	—	0.017	mg/L	Y	—	U	N3B-2020-1595	CASA-20-205913	GELC
R-10a	690.0	11/07/2019	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0505	—	—	0.017	mg/L	Y	—	U	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	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	08/20/2020	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	4.94	—	—	2	µg/L	Y	J	J	N3B-2020-1595	CASA-20-205913	GELC
R-10a	690.0	11/07/2019	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	4.1	—	—	2	µg/L	Y	J	J	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	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	08/20/2020	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	76.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-1595	CASA-20-205913	GELC
R-10a	690.0	11/07/2019	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	76.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	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	08/20/2020	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	23.7	—	—	15	µg/L	Y	J	J	N3B-2020-1595	CASA-20-205913	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 (ft)	Sample Date	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	11/07/2019	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	19.7	—	—	15	µg/L	Y	J	J	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	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	08/20/2020	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	27.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1595	CASA-20-205913	GELC
R-10a	690.0	11/07/2019	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	26.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	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	08/20/2020	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.199	1.65	6.15	—	pCi/L	Y	U	U	N3B-2020-1595	CASA-20-205912	GELC
R-10a	690.0	11/07/2019	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.368	1.29	4.46	—	pCi/L	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	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	08/20/2020	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.46	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1595	CASA-20-205913	GELC
R-10a	690.0	11/07/2019	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.83	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	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	08/20/2020	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.03	—	—	3	µg/L	Y	J	J	N3B-2020-1595	CASA-20-205913	GELC
R-10a	690.0	11/07/2019	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.44	—	—	3	µg/L	Y	J	J	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	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	08/20/2020	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.232	1.71	6.54	—	pCi/L	Y	U	U	N3B-2020-1595	CASA-20-205912	GELC
R-10a	690.0	11/07/2019	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.12	1.73	6.55	—	pCi/L	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	05/06/2022	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
R-10a	690.0	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	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	08/20/2020	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.42	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1595	CASA-20-205913	GELC
R-10a	690.0	11/07/2019	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.662	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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

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 (ft)	Sample Date	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	11/05/2020	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	08/20/2020	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.23	1.01	2.91	—	pCi/L	Y	U	U	N3B-2020-1595	CASA-20-205912	GELC
R-10a	690.0	11/07/2019	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.491	0.744	2.88	—	pCi/L	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	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	08/20/2020	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.64	0.852	2.6	—	pCi/L	Y	—	NQ	N3B-2020-1595	CASA-20-205912	GELC
R-10a	690.0	11/07/2019	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.51	0.568	1.71	—	pCi/L	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	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	08/20/2020	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	86.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1595	CASA-20-205913	GELC
R-10a	690.0	11/07/2019	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	82.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	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	08/20/2020	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.22	—	—	0.11	mg/L	Y	E	NQ	N3B-2020-1595	CASA-20-205913	GELC
R-10a	690.0	11/07/2019	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.1	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.723	—	—	0.2	µg/L	Y	J	J	N3B-2021-312	CASA-21-210613	GELC
R-10a	690.0	08/20/2020	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.834	—	—	0.2	µg/L	Y	J	J	N3B-2020-1595	CASA-20-205913	GELC
R-10a	690.0	11/07/2019	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.744	—	—	0.2	µg/L	Y	J	J	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	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	08/20/2020	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	7.36	2.92	11.7	—	pCi/L	Y	U	U	N3B-2020-1595	CASA-20-205912	GELC
R-10a	690.0	11/07/2019	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.89	2.72	9.69	—	pCi/L	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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
R-10a	690.0	05/18/2021	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	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	11/05/2020	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	08/20/2020	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	6.84	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1595	CASA-20-205913	GELC
R-10a	690.0	11/07/2019	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	7.12	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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

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 (ft)	Sample Date	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	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	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	11/05/2020	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	08/20/2020	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.17	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1595	CASA-20-205913	GELC
R-10a	690.0	11/07/2019	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.27	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	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	08/20/2020	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.726	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1595	CASA-20-205913	GELC
R-10a	690.0	11/07/2019	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.738	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	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	08/20/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0164	0.0102	0.0504	—	pCi/L	Y	U	U	N3B-2020-1595	CASA-20-205912	GELC
R-10a	690.0	11/07/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0107	0.00644	0.0389	—	pCi/L	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	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	08/20/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0109	0.00772	0.0505	—	pCi/L	Y	U	U	N3B-2020-1595	CASA-20-205912	GELC
R-10a	690.0	11/07/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00215	0.0048	0.0378	—	pCi/L	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	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	08/20/2020	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.16	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1595	CASA-20-205913	GELC
R-10a	690.0	11/07/2019	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	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	08/20/2020	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	36.8	18.3	81.7	—	pCi/L	Y	U	U	N3B-2020-1595	CASA-20-205912	GELC
R-10a	690.0	11/07/2019	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-28.2	18.4	59.9	—	pCi/L	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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
R-10a	690.0	11/05/2020	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	08/20/2020	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	1.05	0.188	0.342	—	pCi/L	Y	—	NQ	N3B-2020-1595	CASA-20-205912	GELC
R-10a	690.0	11/07/2019	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	2.35	0.334	0.473	—	pCi/L	Y	—	NQ	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	05/06/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	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

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 (ft)	Sample Date	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	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	UF	INIT	FD	RAD	Generic:Radium by Calculation	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	05/18/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	UF	INIT	FD	RAD	Generic:Radium by Calculation	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	11/05/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	08/20/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.05	0.243	—	—	pCi/L	Y	—	NQ	N3B-2020-1595	CASA-20-205912	GELC
R-10a	690.0	11/07/2019	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	2.69	0.379	—	—	pCi/L	Y	—	NQ	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	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	08/20/2020	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0059	0.154	0.57	—	pCi/L	Y	U	U	N3B-2020-1595	CASA-20-205912	GELC
R-10a	690.0	11/07/2019	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.339	0.179	0.58	—	pCi/L	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	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	08/20/2020	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	56.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1595	CASA-20-205913	GELC
R-10a	690.0	11/07/2019	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	52.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	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	08/20/2020	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.2	—	—	0.1	mg/L	Y	N	J-	N3B-2020-1595	CASA-20-205913	GELC
R-10a	690.0	11/07/2019	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	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	08/20/2020	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.47	1.18	4	—	pCi/L	Y	U	U	N3B-2020-1595	CASA-20-205912	GELC
R-10a	690.0	11/07/2019	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.647	1.41	5.26	—	pCi/L	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	05/06/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	236	—	—	1	µScm	Y	—	NQ	N3B-2022-1448	CASA-22-249213	GELC
R-10a	690.0	11/04/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	230	—	—	1	µScm	Y	—	NQ	N3B-2022-324	CASA-22-236471	GELC
R-10a	690.0	11/04/2021	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	229	—	—	1	µScm	Y	—	NQ	N3B-2022-324	CASA-22-236475	GELC
R-10a	690.0	05/18/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	240	—	—	1	µScm	Y	—	NQ	N3B-2021-1615	CASA-21-224397	GELC
R-10a	690.0	05/18/2021	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	243	—	—	1	µScm	Y	—	NQ	N3B-2021-1615	CASA-21-224399	GELC
R-10a	690.0	11/05/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	233	—	—	1	µScm	Y	—	NQ	N3B-2021-312	CASA-21-210613	GELC
R-10a	690.0	08/20/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	235	—	—	1	µScm	Y	—	NQ	N3B-2020-1595	CASA-20-205913	GELC
R-10a	690.0	11/07/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	206	—	—	1	µScm	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	183	—	—	1	µg/L	Y	—	NQ	N3B-2021-312	CASA-21-210613	GELC
R-10a	690.0	08/20/2020	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	201	—	—	1	µg/L	Y	—	NQ	N3B-2020-1595	CASA-20-205913	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 (ft)	Sample Date	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	11/07/2019	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	187	—	—	1	µg/L	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	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	08/20/2020	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.122	0.113	0.394	—	pCi/L	Y	U	U	N3B-2020-1595	CASA-20-205912	GELC
R-10a	690.0	11/07/2019	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0632	0.137	0.479	—	pCi/L	Y	U	U	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	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	08/20/2020	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.3	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1595	CASA-20-205913	GELC
R-10a	690.0	11/07/2019	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.2	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	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	08/20/2020	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	189	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1595	CASA-20-205913	GELC
R-10a	690.0	11/07/2019	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	199	—	—	3.4	mg/L	Y	—	J+	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	05/06/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.107	—	—	0.033	mg/L	Y	—	J+	N3B-2022-1448	CASA-22-249212	GELC
R-10a	690.0	11/04/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2022-324	CASA-22-236472	GELC
R-10a	690.0	11/04/2021	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2022-324	CASA-22-236476	GELC
R-10a	690.0	05/18/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2021-1615	CASA-21-224396	GELC
R-10a	690.0	05/18/2021	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2021-1615	CASA-21-224398	GELC
R-10a	690.0	11/05/2020	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2021-312	CASA-21-210614	GELC
R-10a	690.0	08/20/2020	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-1595	CASA-20-205912	GELC
R-10a	690.0	05/06/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.077	—	—	0.02	mg/L	Y	—	NQ	N3B-2022-1448	CASA-22-249213	GELC
R-10a	690.0	11/04/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.026	—	—	0.02	mg/L	Y	J	U	N3B-2022-324	CASA-22-236471	GELC
R-10a	690.0	11/04/2021	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0301	—	—	0.02	mg/L	Y	J	U	N3B-2022-324	CASA-22-236475	GELC
R-10a	690.0	05/18/2021	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-2021-1615	CASA-21-224397	GELC
R-10a	690.0	05/18/2021	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0379	—	—	0.02	mg/L	Y	J	U	N3B-2021-1615	CASA-21-224399	GELC
R-10a	690.0	11/05/2020	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.038	—	—	0.02	mg/L	Y	J	J	N3B-2021-312	CASA-21-210613	GELC
R-10a	690.0	08/20/2020	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-2020-1595	CASA-20-205913	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	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	08/20/2020	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.89	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1595	CASA-20-205913	GELC
R-10a	690.0	11/07/2019	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.74	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	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	08/20/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.962	0.0575	0.0568	—	pCi/L	Y	—	NQ	N3B-2020-1595	CASA-20-205912	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 (ft)	Sample Date	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	11/07/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.943	0.0539	0.0615	—	pCi/L	Y	—	NQ	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	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	08/20/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0499	0.0176	0.0438	—	pCi/L	Y	—	NQ	N3B-2020-1595	CASA-20-205912	GELC
R-10a	690.0	11/07/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0481	0.0141	0.0441	—	pCi/L	Y	—	NQ	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	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	08/20/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.547	0.0426	0.0516	—	pCi/L	Y	—	NQ	N3B-2020-1595	CASA-20-205912	GELC
R-10a	690.0	11/07/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.656	0.0446	0.0719	—	pCi/L	Y	—	NQ	N3B-2020-289	CASA-20-189289	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	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	08/20/2020	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	8.04	—	—	1	µg/L	Y	—	NQ	N3B-2020-1595	CASA-20-205913	GELC
R-10a	690.0	11/07/2019	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.78	—	—	1	µg/L	Y	—	NQ	N3B-2020-289	CASA-20-189288	GELC
R-10a	690.0	05/06/2022	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	11/04/2021	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	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	05/18/2021	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	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	11/05/2020	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	08/20/2020	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	11.8	—	—	3.3	µg/L	Y	J	J	N3B-2020-1595	CASA-20-205913	GELC
R-12 S1	459.0	07/23/2021	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	30.145	4.681	2.682	—	pCi/L	Y	Q	J-	N3B-2021-2175	CASA-21-231071	ARSL
R-12 S1	459.0	08/29/2019	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	39.521	6.087	2.824	—	pCi/L	Y	—	NQ	N3B-2019-3226	CASA-19-185338	ARSL
R-12 S1	459.0	07/27/2017	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.439	0.813	2.758	—	pCi/L	Y	U	U	2017-2314	CASA-17-142036	ARSL
R-12 S1	459.0	08/03/2016	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	33.436	5.149	2.203	—	pCi/L	Y	—	J-	2016-2034	CASA-16-124325	ARSL
R-12 S1	459.0	08/18/2015	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	42.695	6.528	2.228	—	pCi/L	Y	—	NQ	2015-2209	CASA-15-102634	ARSL
R-12 S2	504.5	07/23/2021	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	08/07/2020	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	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	07/25/2019	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	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	07/27/2017	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	08/03/2016	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.02	—	—	0.01	SU	Y	H	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.27	—	—	0.01	SU	Y	H	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	07/23/2021	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	08/07/2020	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	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	07/25/2019	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	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	07/27/2017	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	08/03/2016	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	4	—	—	1.45	mg/L	Y	U	U	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	4	—	—	1.45	mg/L	Y	U	U	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	07/23/2021	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

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 (ft)	Sample Date	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	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	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	07/25/2019	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	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	07/27/2017	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	08/03/2016	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.2	—	—	1.45	mg/L	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.3	—	—	1.45	mg/L	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	07/23/2021	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	08/07/2020	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	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	07/25/2019	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	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	07/27/2017	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	08/03/2016	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00687	0.00512	0.0305	—	pCi/L	Y	U	U	2016-1902	CASA-16-124326	GELC
R-12 S2	504.5	08/03/2016	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.015	0.00774	0.0287	—	pCi/L	Y	U	U	2016-1902	CASA-16-124310	GELC
R-12 S2	504.5	07/23/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0222	—	—	0.017	mg/L	Y	J	J	N3B-2021-2147	CASA-21-231073	GELC
R-12 S2	504.5	08/07/2020	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0196	—	—	0.017	mg/L	Y	J	U	N3B-2020-1536	CASA-20-199003	GELC
R-12 S2	504.5	08/07/2020	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0336	—	—	0.017	mg/L	Y	J	U	N3B-2020-1536	CASA-20-199008	GELC
R-12 S2	504.5	07/25/2019	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	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/27/2017	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0299	—	—	0.017	mg/L	Y	J	J	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	08/03/2016	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0314	—	—	0.017	mg/L	Y	J	J	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	07/23/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.34	—	—	2	µg/L	Y	J	J	N3B-2021-2147	CASA-21-231073	GELC
R-12 S2	504.5	08/07/2020	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-1536	CASA-20-199003	GELC
R-12 S2	504.5	08/07/2020	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-1536	CASA-20-199008	GELC
R-12 S2	504.5	07/25/2019	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.59	—	—	2	µg/L	Y	J	J	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	Y	3.57	—	—	2	µg/L	Y	J	J	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/27/2017	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.57	—	—	2	µg/L	Y	J	J	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	08/03/2016	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.28	—	—	1.7	µg/L	Y	J	J	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	Y	2.57	—	—	1.7	µg/L	Y	J	J	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	07/23/2021	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	08/07/2020	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	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	12.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-1536	CASA-20-199008	GELC
R-12 S2	504.5	07/25/2019	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	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	07/27/2017	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	08/03/2016	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	11.3	—	—	1	µg/L	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	11.8	—	—	1	µg/L	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	07/23/2021	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	08/07/2020	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	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	07/25/2019	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	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	07/27/2017	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	08/03/2016	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16	—	—	15	µg/L	Y	J	J	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	16.7	—	—	15	µg/L	Y	J	J	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	07/23/2021	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	08/07/2020	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	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	07/25/2019	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	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	07/27/2017	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	08/03/2016	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.2	—	—	0.05	mg/L	Y	—	NQ	2016-1902	CASA-16-124342	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 (ft)	Sample Date	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	08/03/2016	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.3	—	—	0.05	mg/L	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	07/23/2021	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	08/07/2020	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	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	07/25/2019	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	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	07/27/2017	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	08/03/2016	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.905	1.24	4.43	—	pCi/L	Y	U	U	2016-1902	CASA-16-124326	GELC
R-12 S2	504.5	08/03/2016	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.344	1.34	4.94	—	pCi/L	Y	U	U	2016-1902	CASA-16-124310	GELC
R-12 S2	504.5	07/23/2021	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	08/07/2020	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	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	07/25/2019	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	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	07/27/2017	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	08/03/2016	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.02	—	—	0.067	mg/L	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.04	—	—	0.067	mg/L	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	07/23/2021	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	08/07/2020	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	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	07/25/2019	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	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	07/27/2017	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	08/03/2016	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.488	1.46	5.72	—	pCi/L	Y	U	U	2016-1902	CASA-16-124326	GELC
R-12 S2	504.5	08/03/2016	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.98	1.27	4.1	—	pCi/L	Y	U	U	2016-1902	CASA-16-124310	GELC
R-12 S2	504.5	07/23/2021	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	08/07/2020	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	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	07/25/2019	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	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	07/27/2017	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	08/03/2016	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.276	—	—	0.033	mg/L	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.271	—	—	0.033	mg/L	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	07/23/2021	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	08/07/2020	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	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	07/25/2019	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	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	07/27/2017	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	08/03/2016	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.53	0.886	2.83	—	pCi/L	Y	U	U	2016-1902	CASA-16-124326	GELC
R-12 S2	504.5	08/03/2016	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.305	0.343	1.16	—	pCi/L	Y	U	U	2016-1902	CASA-16-124310	GELC
R-12 S2	504.5	07/23/2021	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	08/07/2020	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	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	07/25/2019	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	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	07/27/2017	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	08/03/2016	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3	0.771	2.4	—	pCi/L	Y	—	NQ	2016-1902	CASA-16-124326	GELC
R-12 S2	504.5	08/03/2016	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.99	0.757	2.43	—	pCi/L	Y	U	U	2016-1902	CASA-16-124310	GELC
R-12 S2	504.5	07/23/2021	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	08/07/2020	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	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	07/25/2019	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	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	59.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2656	CASA-19-182770	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 (ft)	Sample Date	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	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	08/03/2016	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	57.2	—	—	0.453	mg/L	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	57.6	—	—	0.453	mg/L	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	07/23/2021	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	08/07/2020	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	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	07/25/2019	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	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	07/27/2017	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	08/03/2016	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.46	—	—	0.11	mg/L	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.5	—	—	0.11	mg/L	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	07/23/2021	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	08/07/2020	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	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	07/25/2019	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	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	07/27/2017	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	08/03/2016	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	29.1	—	—	2	µg/L	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	Y	29.9	—	—	2	µg/L	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	07/23/2021	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	08/07/2020	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	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	07/25/2019	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	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	07/27/2017	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	08/03/2016	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.5	—	—	0.165	µg/L	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.48	—	—	0.165	µg/L	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	07/23/2021	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	08/07/2020	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	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	07/25/2019	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	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	07/27/2017	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	08/03/2016	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.667	2.44	8.7	—	pCi/L	Y	U	U	2016-1902	CASA-16-124326	GELC
R-12 S2	504.5	08/03/2016	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.5	2.33	7.81	—	pCi/L	Y	U	U	2016-1902	CASA-16-124310	GELC
R-12 S2	504.5	07/23/2021	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	08/07/2020	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	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	07/25/2019	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	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	07/27/2017	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	08/03/2016	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.2	—	—	0.017	mg/L	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.21	—	—	0.017	mg/L	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	07/23/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.863	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC
R-12 S2	504.5	08/07/2020	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.837	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1536	CASA-20-199003	GELC
R-12 S2	504.5	08/07/2020	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.84	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1536	CASA-20-199008	GELC
R-12 S2	504.5	07/25/2019	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.877	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.848	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/27/2017	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.838	—	—	0.05	µg/L	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	08/03/2016	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.817	—	—	0.05	µg/L	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.843	—	—	0.05	µg/L	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	07/23/2021	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	08/07/2020	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	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

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 (ft)	Sample Date	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	07/25/2019	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	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	07/27/2017	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	08/03/2016	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00692	0.00765	0.0367	—	pCi/L	Y	U	U	2016-1902	CASA-16-124326	GELC
R-12 S2	504.5	08/03/2016	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00223	0.0059	0.0354	—	pCi/L	Y	U	U	2016-1902	CASA-16-124310	GELC
R-12 S2	504.5	07/23/2021	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	08/07/2020	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	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
R-12 S2	504.5	07/25/2019	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	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	07/27/2017	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	08/03/2016	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00231	0.00893	0.0425	—	pCi/L	Y	U	U	2016-1902	CASA-16-124326	GELC
R-12 S2	504.5	08/03/2016	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00446	0.00546	0.041	—	pCi/L	Y	U	U	2016-1902	CASA-16-124310	GELC
R-12 S2	504.5	07/23/2021	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	08/07/2020	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	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	07/25/2019	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	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	07/27/2017	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	08/03/2016	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.21	—	—	0.05	mg/L	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.25	—	—	0.05	mg/L	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	07/23/2021	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	08/07/2020	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	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	07/25/2019	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	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	07/27/2017	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	08/03/2016	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	14.3	21.9	41.1	—	pCi/L	Y	U	U	2016-1902	CASA-16-124326	GELC
R-12 S2	504.5	08/03/2016	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	23.6	24.7	50	—	pCi/L	Y	U	U	2016-1902	CASA-16-124310	GELC
R-12 S2	504.5	07/23/2021	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	08/07/2020	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	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	01/28/2004	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	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	08/01/2002	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	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	09/19/2000	UF	INIT	REG	RAD	Generic:Gamma Spec.	Radium-226	Ra-226	N	38	48.5	49	—	pCi/L	Y	U	R	7612R	CASA-00-0026	ATICO
R-12 S2	504.5	07/23/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	08/07/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	UF	INIT	FD	RAD	Generic:Radium by Calculation	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	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	08/07/2020	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	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	01/28/2004	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	08/01/2002	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	07/23/2021	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	08/07/2020	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	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	07/25/2019	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	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	07/27/2017	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	08/03/2016	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	44.8	—	—	0.053	mg/L	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	45.6	—	—	0.053	mg/L	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	07/23/2021	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

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 (ft)	Sample Date	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	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	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	07/25/2019	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	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	07/27/2017	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	08/03/2016	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10	—	—	0.1	mg/L	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	07/23/2021	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	08/07/2020	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	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	07/25/2019	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	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	07/27/2017	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	08/03/2016	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.81	1.3	5.94	—	pCi/L	Y	U	U	2016-1902	CASA-16-124326	GELC
R-12 S2	504.5	08/03/2016	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.42	1.29	3.81	—	pCi/L	Y	U	U	2016-1902	CASA-16-124310	GELC
R-12 S2	504.5	07/23/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	182	—	—	1	µScm	Y	—	NQ	N3B-2021-2147	CASA-21-231073	GELC
R-12 S2	504.5	08/07/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	188	—	—	1	µScm	Y	—	NQ	N3B-2020-1536	CASA-20-199003	GELC
R-12 S2	504.5	08/07/2020	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	190	—	—	1	µScm	Y	—	NQ	N3B-2020-1536	CASA-20-199008	GELC
R-12 S2	504.5	07/25/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	182	—	—	1	µScm	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	183	—	—	1	µScm	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/27/2017	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	193	—	—	1	µScm	Y	—	NQ	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	08/03/2016	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	163	—	—	3.63	µScm	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	163	—	—	3.63	µScm	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	07/23/2021	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	08/07/2020	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	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	07/25/2019	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	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	07/27/2017	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	08/03/2016	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	66.4	—	—	1	µg/L	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	66.8	—	—	1	µg/L	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	07/23/2021	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	08/07/2020	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	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	07/25/2019	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	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	07/27/2017	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	08/03/2016	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.151	0.12	0.485	—	pCi/L	Y	U	U	2016-1902	CASA-16-124326	GELC
R-12 S2	504.5	08/03/2016	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.322	0.129	0.49	—	pCi/L	Y	U	U	2016-1902	CASA-16-124310	GELC
R-12 S2	504.5	07/23/2021	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	08/07/2020	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	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	07/25/2019	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	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	07/27/2017	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	08/03/2016	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	8.83	—	—	0.133	mg/L	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	8.85	—	—	0.133	mg/L	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	07/23/2021	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	08/07/2020	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	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	07/25/2019	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	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	07/27/2017	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	08/03/2016	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	119	—	—	3.4	mg/L	Y	—	NQ	2016-1902	CASA-16-124342	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 (ft)	Sample Date	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	08/03/2016	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	110	—	—	3.4	mg/L	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	07/23/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0373	—	—	0.02	mg/L	Y	J	J	N3B-2021-2147	CASA-21-231073	GELC
R-12 S2	504.5	08/07/2020	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0701	—	—	0.02	mg/L	Y	—	U	N3B-2020-1536	CASA-20-199003	GELC
R-12 S2	504.5	08/07/2020	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0853	—	—	0.02	mg/L	Y	—	U	N3B-2020-1536	CASA-20-199008	GELC
R-12 S2	504.5	07/25/2019	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.188	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2656	CASA-19-182764	GELC
R-12 S2	504.5	07/25/2019	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.165	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-2656	CASA-19-182770	GELC
R-12 S2	504.5	07/27/2017	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0366	—	—	0.02	mg/L	Y	J	J	2017-2169	CASA-17-142030	GELC
R-12 S2	504.5	08/03/2016	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.02	—	—	0.02	mg/L	Y	J	J	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0406	—	—	0.02	mg/L	Y	J	J	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	07/23/2021	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	08/07/2020	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	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	07/25/2019	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	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	07/27/2017	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	11/13/2008	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	54.74	1.932	0.2898	—	pCi/L	Y	—	NQ	09-343	CASA-09-869	UMTL
R-12 S2	504.5	07/23/2021	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	08/07/2020	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	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	07/25/2019	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	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	07/27/2017	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	08/03/2016	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.527	—	—	0.067	µg/L	Y	—	NQ	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	0.523	—	—	0.067	µg/L	Y	—	NQ	2016-1902	CASA-16-124313	GELC
R-12 S2	504.5	07/23/2021	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	08/07/2020	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	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	07/25/2019	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	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	07/27/2017	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	08/03/2016	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.347	0.0284	0.067	—	pCi/L	Y	—	NQ	2016-1902	CASA-16-124326	GELC
R-12 S2	504.5	08/03/2016	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.408	0.031	0.0682	—	pCi/L	Y	—	NQ	2016-1902	CASA-16-124310	GELC
R-12 S2	504.5	07/23/2021	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	08/07/2020	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	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	07/25/2019	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	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	07/27/2017	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	08/03/2016	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0637	0.0164	0.0601	—	pCi/L	Y	—	NQ	2016-1902	CASA-16-124326	GELC
R-12 S2	504.5	08/03/2016	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0253	0.0123	0.0611	—	pCi/L	Y	U	U	2016-1902	CASA-16-124310	GELC
R-12 S2	504.5	07/23/2021	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	08/07/2020	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
R-12 S2	504.5	08/07/2020	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	07/25/2019	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	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	07/27/2017	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	08/03/2016	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.204	0.025	0.0539	—	pCi/L	Y	—	NQ	2016-1902	CASA-16-124326	GELC
R-12 S2	504.5	08/03/2016	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.235	0.024	0.0548	—	pCi/L	Y	—	NQ	2016-1902	CASA-16-124310	GELC
R-12 S2	504.5	07/23/2021	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	08/07/2020	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	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	07/25/2019	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	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	07/27/2017	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.51	—	—	1	µg/L	Y	J	J	2017-2169	CASA-17-142030	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 (ft)	Sample Date	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	08/03/2016	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.95	—	—	1	µg/L	Y	J	J	2016-1902	CASA-16-124342	GELC
R-12 S2	504.5	08/03/2016	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	3.64	—	—	1	µg/L	Y	J	J	2016-1902	CASA-16-124313	GELC
R-16 S2	863.4	07/28/2021	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	08/19/2020	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	07/27/2018	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	07/27/2017	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	08/04/2016	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.27	—	—	0.01	SU	Y	H	NQ	2016-1934	CAMO-16-124288	GELC
R-16 S2	863.4	07/28/2021	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	08/19/2020	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	07/27/2018	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	07/27/2017	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	08/04/2016	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	2	—	—	0.725	mg/L	Y	U	U	2016-1934	CAMO-16-124288	GELC
R-16 S2	863.4	07/28/2021	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	08/19/2020	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	07/27/2018	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	07/27/2017	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	08/04/2016	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.3	—	—	0.725	mg/L	Y	—	NQ	2016-1934	CAMO-16-124288	GELC
R-16 S2	863.4	07/28/2021	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	08/19/2020	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	07/10/2019	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	07/27/2018	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	07/27/2017	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00996	0.0149	0.0427	—	pCi/L	Y	U	U	2017-2169	CAMO-17-142061	GELC
R-16 S2	863.4	07/28/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.158	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC
R-16 S2	863.4	08/19/2020	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0515	—	—	0.017	mg/L	Y	—	U	N3B-2020-1588	CAMO-20-198972	GELC
R-16 S2	863.4	07/27/2018	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0578	—	—	0.017	mg/L	Y	—	U	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	07/27/2017	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0341	—	—	0.017	mg/L	Y	J	J	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	08/04/2016	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2016-1934	CAMO-16-124288	GELC
R-16 S2	863.4	07/28/2021	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	08/19/2020	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	07/10/2019	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	07/27/2018	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	07/27/2017	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	4.13	—	—	2	µg/L	Y	J	J	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/28/2021	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	08/19/2020	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	07/10/2019	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	07/27/2018	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	07/27/2017	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	19.4	—	—	1	µg/L	Y	—	NQ	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/28/2021	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	08/19/2020	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	07/10/2019	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	07/27/2018	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	07/27/2017	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.3	—	—	15	µg/L	Y	J	J	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/28/2021	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
R-16 S2	863.4	08/19/2020	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	07/10/2019	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	07/27/2018	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	07/27/2017	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.5	—	—	0.05	mg/L	Y	—	NQ	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/28/2021	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	08/19/2020	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	07/10/2019	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	07/27/2018	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	07/27/2017	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.231	1.02	3.67	—	pCi/L	Y	U	U	2017-2169	CAMO-17-142061	GELC
R-16 S2	863.4	07/28/2021	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	08/19/2020	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

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 (ft)	Sample Date	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	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	07/27/2017	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	08/04/2016	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.7	—	—	0.067	mg/L	Y	—	NQ	2016-1934	CAMO-16-124288	GELC
R-16 S2	863.4	07/28/2021	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	08/19/2020	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	07/10/2019	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	07/27/2018	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	07/27/2017	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.29	1.03	3.95	—	pCi/L	Y	U	U	2017-2169	CAMO-17-142061	GELC
R-16 S2	863.4	07/28/2021	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	08/19/2020	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	07/27/2018	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	07/27/2017	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	08/04/2016	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.274	—	—	0.033	mg/L	Y	—	NQ	2016-1934	CAMO-16-124288	GELC
R-16 S2	863.4	07/28/2021	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	08/19/2020	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	07/10/2019	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	07/27/2018	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	07/27/2017	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	4.46	1.2	2.92	—	pCi/L	Y	—	NQ	2017-2169	CAMO-17-142061	GELC
R-16 S2	863.4	07/28/2021	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	08/19/2020	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	07/10/2019	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	07/27/2018	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	07/27/2017	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.17	0.868	2.4	—	pCi/L	Y	—	NQ	2017-2169	CAMO-17-142061	GELC
R-16 S2	863.4	07/28/2021	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	08/19/2020	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	07/10/2019	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	07/27/2018	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	07/27/2017	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	53.3	—	—	0.453	mg/L	Y	—	NQ	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/28/2021	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	08/19/2020	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	07/10/2019	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	07/27/2018	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	07/27/2017	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.69	—	—	0.11	mg/L	Y	—	NQ	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/28/2021	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	08/19/2020	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	07/10/2019	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	07/27/2018	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	07/27/2017	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	3.38	—	—	2	µg/L	Y	J	J	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/28/2021	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	08/19/2020	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	07/10/2019	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	07/27/2018	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	07/27/2017	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.15	—	—	0.2	µg/L	Y	—	NQ	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/28/2021	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	08/19/2020	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	07/10/2019	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	07/27/2018	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	07/27/2017	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.4	1.95	6.72	—	pCi/L	Y	U	U	2017-2169	CAMO-17-142061	GELC
R-16 S2	863.4	07/28/2021	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	08/19/2020	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	07/27/2018	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	07/27/2017	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	08/04/2016	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.468	—	—	0.017	mg/L	Y	—	NQ	2016-1934	CAMO-16-124288	GELC
R-16 S2	863.4	07/28/2021	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

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 (ft)	Sample Date	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	08/19/2020	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	07/27/2018	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	07/27/2017	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	08/04/2016	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.417	—	—	0.05	µg/L	Y	—	NQ	2016-1934	CAMO-16-124288	GELC
R-16 S2	863.4	07/28/2021	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	08/19/2020	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	07/10/2019	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	07/27/2018	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	07/27/2017	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0312	0.0104	0.0627	—	pCi/L	Y	U	U	2017-2169	CAMO-17-142061	GELC
R-16 S2	863.4	07/28/2021	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	08/19/2020	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	07/10/2019	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	07/27/2018	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	07/27/2017	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0104	0.00636	0.0682	—	pCi/L	Y	U	U	2017-2169	CAMO-17-142061	GELC
R-16 S2	863.4	07/28/2021	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	08/19/2020	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	07/10/2019	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	07/27/2018	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	07/27/2017	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.73	—	—	0.05	mg/L	Y	—	NQ	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/28/2021	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	08/19/2020	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	07/10/2019	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	07/27/2018	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	07/27/2017	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	2.69	16.1	43.6	—	pCi/L	Y	U	U	2017-2169	CAMO-17-142061	GELC
R-16 S2	863.4	07/28/2021	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	08/19/2020	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	12/02/2004	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	10/13/2004	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	05/12/2004	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	Y	7.98	2.45	3.94	—	pCi/L	Y	—	R	113015	GU0405G16R201	GELC
R-16 S2	863.4	07/28/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	08/19/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	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	08/19/2020	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	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	08/19/2020	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	07/10/2019	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	07/27/2018	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	07/27/2017	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	50.9	—	—	0.053	mg/L	Y	—	NQ	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/28/2021	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	08/19/2020	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	07/10/2019	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	07/27/2018	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	07/27/2017	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.5	—	—	0.1	mg/L	Y	E	NQ	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/28/2021	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	08/19/2020	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	07/10/2019	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	07/27/2018	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	07/27/2017	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.37	0.74	2.29	—	pCi/L	Y	U	U	2017-2169	CAMO-17-142061	GELC
R-16 S2	863.4	07/28/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	180	—	—	1	µScm	Y	—	NQ	N3B-2021-2169	CAMO-21-231040	GELC
R-16 S2	863.4	08/19/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	165	—	—	1	µScm	Y	—	NQ	N3B-2020-1588	CAMO-20-198972	GELC
R-16 S2	863.4	07/27/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	171	—	—	1	µScm	Y	—	NQ	N3B-2018-3246	CAMO-18-159845	GELC
R-16 S2	863.4	07/27/2017	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	183	—	—	1	µScm	Y	—	NQ	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	08/04/2016	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	153	—	—	3.63	µScm	Y	—	NQ	2016-1934	CAMO-16-124288	GELC
R-16 S2	863.4	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	199	—	—	1	µg/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 (ft)	Sample Date	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	08/19/2020	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	07/10/2019	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	07/27/2018	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	07/27/2017	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	191	—	—	1	µg/L	Y	—	NQ	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/28/2021	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	08/19/2020	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	07/10/2019	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	07/27/2018	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	07/27/2017	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.322	0.119	0.486	—	pCi/L	Y	U	U	2017-2169	CAMO-17-142061	GELC
R-16 S2	863.4	07/28/2021	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	08/19/2020	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	07/27/2018	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	07/27/2017	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	08/04/2016	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.86	—	—	0.133	mg/L	Y	—	NQ	2016-1934	CAMO-16-124288	GELC
R-16 S2	863.4	07/28/2021	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	08/19/2020	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	07/27/2018	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	07/27/2017	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	08/04/2016	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	116	—	—	3.4	mg/L	Y	—	J	2016-1934	CAMO-16-124288	GELC
R-16 S2	863.4	07/28/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0407	—	—	0.033	mg/L	Y	J	J	N3B-2021-2169	CAMO-21-231039	GELC
R-16 S2	863.4	08/19/2020	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-1588	CAMO-20-198971	GELC
R-16 S2	863.4	07/10/2019	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0691	—	—	0.033	mg/L	Y	J	U	N3B-2019-2459	CAMO-19-182831	GELC
R-16 S2	863.4	07/27/2018	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0559	—	—	0.033	mg/L	Y	J	J	N3B-2018-3246	CAMO-18-159846	GELC
R-16 S2	863.4	07/27/2017	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2017-2169	CAMO-17-142061	GELC
R-16 S2	863.4	07/28/2021	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	08/19/2020	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	07/27/2018	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	07/27/2017	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	08/04/2016	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0406	—	—	0.02	mg/L	Y	J	J	2016-1934	CAMO-16-124288	GELC
R-16 S2	863.4	07/28/2021	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	08/19/2020	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	07/10/2019	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	07/27/2018	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	07/27/2017	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.768	0.738	2.525	—	pCi/L	Y	U	U	2017-2314	CAMO-17-142061	ARSL
R-16 S2	863.4	07/28/2021	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	08/19/2020	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	07/10/2019	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	07/27/2018	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	07/27/2017	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.09	—	—	0.067	µg/L	Y	—	NQ	2017-2169	CAMO-17-142054	GELC
R-16 S2	863.4	07/28/2021	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	08/19/2020	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	07/10/2019	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	07/27/2018	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	07/27/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.69	0.0397	0.0528	—	pCi/L	Y	—	NQ	2017-2169	CAMO-17-142061	GELC
R-16 S2	863.4	07/28/2021	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	08/19/2020	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	07/10/2019	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	07/27/2018	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	07/27/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0388	0.0124	0.0447	—	pCi/L	Y	U	U	2017-2169	CAMO-17-142061	GELC
R-16 S2	863.4	07/28/2021	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	08/19/2020	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	07/10/2019	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	07/27/2018	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	07/27/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.472	0.033	0.0437	—	pCi/L	Y	—	NQ	2017-2169	CAMO-17-142061	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 (ft)	Sample Date	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	07/28/2021	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	08/19/2020	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	07/10/2019	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	07/27/2018	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	07/27/2017	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	13.1	—	—	1	µg/L	Y	—	NQ	2017-2169	CAMO-17-142054	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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
R-16 S4	1237.0	07/20/2018	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	07/27/2017	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.21	—	—	0.01	SU	Y	H	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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	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	07/27/2017	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-17-142055	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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	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	07/27/2017	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.3	—	—	1.45	mg/L	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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	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	07/27/2017	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0153	0.00788	0.0374	—	pCi/L	Y	U	U	2017-2169	CAMO-17-142062	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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	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	07/27/2017	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0695	—	—	0.017	mg/L	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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	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	07/27/2017	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	4.17	—	—	2	µg/L	Y	J	J	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	61.8	—	—	1	µg/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 (ft)	Sample Date	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	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	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	07/25/2019	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	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	07/20/2018	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	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	07/27/2017	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	54.7	—	—	1	µg/L	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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	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	07/27/2017	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	25.2	—	—	15	µg/L	Y	J	J	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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	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	07/27/2017	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	19.5	—	—	0.05	mg/L	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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	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	07/27/2017	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.33	1.35	4.66	—	pCi/L	Y	U	U	2017-2169	CAMO-17-142062	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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	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	07/27/2017	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.29	—	—	0.067	mg/L	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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	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	07/27/2017	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.16	1.15	4.89	—	pCi/L	Y	U	U	2017-2169	CAMO-17-142062	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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	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

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 (ft)	Sample Date	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	07/27/2017	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.325	—	—	0.033	mg/L	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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
R-16 S4	1237.0	07/25/2019	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	07/20/2018	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	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	07/27/2017	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	9.67	1.86	2.9	—	pCi/L	Y	—	NQ	2017-2169	CAMO-17-142062	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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	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	07/27/2017	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.92	0.911	2.07	—	pCi/L	Y	—	NQ	2017-2169	CAMO-17-142062	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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	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	07/27/2017	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	53.2	—	—	0.453	mg/L	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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	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	07/27/2017	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.1	—	—	0.11	mg/L	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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	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	07/27/2017	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	54.1	—	—	2	µg/L	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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	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	07/27/2017	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.52	—	—	0.2	µg/L	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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

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 (ft)	Sample Date	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	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	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	07/27/2017	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.75	1.9	7.42	—	pCi/L	Y	U	U	2017-2169	CAMO-17-142062	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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	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	07/27/2017	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.447	—	—	0.017	mg/L	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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	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	07/27/2017	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.397	—	—	0.05	µg/L	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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	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	07/27/2017	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00447	0.00836	0.0539	—	pCi/L	Y	U	U	2017-2169	CAMO-17-142062	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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	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	07/27/2017	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0268	0.0138	0.0587	—	pCi/L	Y	U	U	2017-2169	CAMO-17-142062	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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	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	07/27/2017	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.8	—	—	0.05	mg/L	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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	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	07/27/2017	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	8.01	14.8	64.2	—	pCi/L	Y	U	U	2017-2169	CAMO-17-142062	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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

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 (ft)	Sample Date	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	12/07/2004	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	10/15/2004	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	05/13/2004	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	2.8	3.06	7.81	—	pCi/L	Y	U	U	113141	GU0405G16R401	GELC
R-16 S4	1237.0	07/28/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	08/19/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	UF	INIT	FD	RAD	Generic:Radium by Calculation	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	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	08/19/2020	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	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	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
R-16 S4	1237.0	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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	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	07/27/2017	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	42.5	—	—	0.053	mg/L	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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	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	07/27/2017	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15.1	—	—	0.1	mg/L	Y	E	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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	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	07/27/2017	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.782	1.26	5.08	—	pCi/L	Y	U	U	2017-2169	CAMO-17-142062	GELC
R-16 S4	1237.0	07/28/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	189	—	—	1	µScm	Y	—	NQ	N3B-2021-2169	CAMO-21-231042	GELC
R-16 S4	1237.0	08/19/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	182	—	—	1	µScm	Y	—	NQ	N3B-2020-1588	CAMO-20-198976	GELC
R-16 S4	1237.0	08/19/2020	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	188	—	—	1	µScm	Y	—	NQ	N3B-2020-1588	CAMO-20-198978	GELC
R-16 S4	1237.0	07/25/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	179	—	—	1	µScm	Y	—	NQ	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	197	—	—	1	µScm	Y	—	NQ	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/20/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	176	—	—	1	µScm	Y	—	NQ	N3B-2018-3140	CAMO-18-159848	GELC
R-16 S4	1237.0	07/20/2018	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	176	—	—	1	µScm	Y	—	NQ	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/27/2017	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	193	—	—	1	µScm	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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	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	07/27/2017	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	236	—	—	1	µg/L	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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

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 (ft)	Sample Date	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	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	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	07/27/2017	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0387	0.133	0.494	—	pCi/L	Y	U	U	2017-2169	CAMO-17-142062	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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	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	07/27/2017	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.48	—	—	0.133	mg/L	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	2.83	—	—	2.5	µg/L	Y	J	J	N3B-2021-2169	CAMO-21-231042	GELC
R-16 S4	1237.0	08/19/2020	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-1588	CAMO-20-198976	GELC
R-16 S4	1237.0	08/19/2020	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	Y	3.28	—	—	2.5	µg/L	Y	J	J	N3B-2020-1588	CAMO-20-198978	GELC
R-16 S4	1237.0	07/25/2019	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-2656	CAMO-19-182844	GELC
R-16 S4	1237.0	07/25/2019	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-2656	CAMO-19-182846	GELC
R-16 S4	1237.0	07/20/2018	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	5.72	—	—	2.5	µg/L	Y	J	U	N3B-2018-3140	CAMO-18-159848	GELC
R-16 S4	1237.0	07/20/2018	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	N	4.16	—	—	2.5	µg/L	Y	J	U	N3B-2018-3140	CAMO-18-159850	GELC
R-16 S4	1237.0	07/27/2017	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	4.79	—	—	2.5	µg/L	Y	J	J	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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	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	07/27/2017	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	204	—	—	3.4	mg/L	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/28/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.086	—	—	0.033	mg/L	Y	J	J	N3B-2021-2169	CAMO-21-231041	GELC
R-16 S4	1237.0	08/19/2020	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-1588	CAMO-20-198975	GELC
R-16 S4	1237.0	08/19/2020	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-1588	CAMO-20-198977	GELC
R-16 S4	1237.0	07/25/2019	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-2656	CAMO-19-182845	GELC
R-16 S4	1237.0	07/25/2019	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-2656	CAMO-19-182847	GELC
R-16 S4	1237.0	07/20/2018	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0528	—	—	0.033	mg/L	Y	J	J	N3B-2018-3140	CAMO-18-159851	GELC
R-16 S4	1237.0	07/20/2018	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2018-3140	CAMO-18-159908	GELC
R-16 S4	1237.0	07/27/2017	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2017-2169	CAMO-17-142062	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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
R-16 S4	1237.0	07/20/2018	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	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	07/27/2017	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.506	—	—	0.33	mg/L	Y	J	J	2017-2169	CAMO-17-142062	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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	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	07/27/2017	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.113	—	—	0.02	mg/L	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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

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 (ft)	Sample Date	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	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	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	07/20/2018	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	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	07/27/2017	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	17.276	2.764	2.318	—	pCi/L	Y	—	J-	2017-2314	CAMO-17-142062	ARSL
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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	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	07/27/2017	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.24	—	—	0.067	µg/L	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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	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	07/27/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.718	0.038	0.0457	—	pCi/L	Y	—	NQ	2017-2169	CAMO-17-142062	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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	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	07/27/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0647	0.0133	0.0387	—	pCi/L	Y	—	NQ	2017-2169	CAMO-17-142062	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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	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	07/27/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.434	0.0298	0.0378	—	pCi/L	Y	—	NQ	2017-2169	CAMO-17-142062	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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	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	07/27/2017	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.7	—	—	1	µg/L	Y	—	NQ	2017-2169	CAMO-17-142055	GELC
R-16 S4	1237.0	07/28/2021	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	08/19/2020	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	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	07/25/2019	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	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	07/20/2018	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
R-16 S4	1237.0	07/20/2018	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	07/27/2017	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	6.28	—	—	3.3	µg/L	Y	J	J	2017-2169	CAMO-17-142055	GELC
R-16r	600.0	07/28/2021	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

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 (ft)	Sample Date	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	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	08/19/2020	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	07/20/2018	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	07/31/2017	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	08/04/2016	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.27	—	—	0.01	SU	Y	H	NQ	2016-1931	CAMO-16-124290	GELC
R-16r	600.0	07/28/2021	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	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	08/19/2020	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	07/20/2018	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	07/31/2017	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	08/04/2016	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83.3	—	—	1.45	mg/L	Y	—	NQ	2016-1931	CAMO-16-124290	GELC
R-16r	600.0	07/28/2021	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	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	08/19/2020	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	07/10/2019	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	07/20/2018	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	07/31/2017	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00379	0.00757	0.0324	—	pCi/L	Y	U	U	2017-2223	CAMO-17-142063	GELC
R-16r	600.0	07/28/2021	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	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	08/19/2020	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	07/20/2018	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	07/31/2017	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	08/04/2016	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2016-1931	CAMO-16-124290	GELC
R-16r	600.0	07/28/2021	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	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	08/19/2020	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	07/10/2019	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	07/20/2018	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	07/31/2017	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.38	—	—	2	µg/L	Y	J	J	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/28/2021	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	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	08/19/2020	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	07/10/2019	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	07/20/2018	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	07/31/2017	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	58	—	—	1	µg/L	Y	—	NQ	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/28/2021	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	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	08/19/2020	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	07/10/2019	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	07/20/2018	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	07/31/2017	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.3	—	—	15	µg/L	Y	J	J	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/28/2021	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	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
R-16r	600.0	08/19/2020	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	07/10/2019	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	07/20/2018	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	07/31/2017	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.8	—	—	0.05	mg/L	Y	—	NQ	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/28/2021	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	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	08/19/2020	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	07/10/2019	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	07/20/2018	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	07/31/2017	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.216	1.75	5.58	—	pCi/L	Y	U	U	2017-2223	CAMO-17-142063	GELC
R-16r	600.0	07/28/2021	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

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 (ft)	Sample Date	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	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	08/19/2020	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	07/20/2018	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	07/31/2017	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	08/04/2016	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.48	—	—	0.067	mg/L	Y	—	NQ	2016-1931	CAMO-16-124290	GELC
R-16r	600.0	07/28/2021	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	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	08/19/2020	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	07/10/2019	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	07/20/2018	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	07/31/2017	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	5.42	—	—	3	µg/L	Y	J	J	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/28/2021	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	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	08/19/2020	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	07/10/2019	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	07/20/2018	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	07/31/2017	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.93	1.56	6.47	—	pCi/L	Y	U	U	2017-2223	CAMO-17-142063	GELC
R-16r	600.0	07/28/2021	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	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	08/19/2020	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	07/20/2018	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	07/31/2017	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	08/04/2016	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.315	—	—	0.033	mg/L	Y	—	NQ	2016-1931	CAMO-16-124290	GELC
R-16r	600.0	07/28/2021	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	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	08/19/2020	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	07/10/2019	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	07/20/2018	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	07/31/2017	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.49	0.61	1.86	—	pCi/L	Y	U	U	2017-2223	CAMO-17-142063	GELC
R-16r	600.0	07/28/2021	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	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	08/19/2020	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	07/10/2019	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	07/20/2018	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	07/31/2017	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.36	0.69	1.71	—	pCi/L	Y	—	NQ	2017-2223	CAMO-17-142063	GELC
R-16r	600.0	07/28/2021	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	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	08/19/2020	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	53.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1588	CAMO-20-198981	GELC
R-16r	600.0	07/10/2019	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	07/20/2018	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	07/31/2017	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	49.9	—	—	0.453	mg/L	Y	—	NQ	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/28/2021	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	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	08/19/2020	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	07/10/2019	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	07/20/2018	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	07/31/2017	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	0.713	—	—	0.11	mg/L	Y	—	NQ	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/28/2021	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	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	08/19/2020	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	07/10/2019	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	07/20/2018	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	07/31/2017	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.1	—	—	0.2	µg/L	Y	—	NQ	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/28/2021	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

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 (ft)	Sample Date	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	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	08/19/2020	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	07/10/2019	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	07/20/2018	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	07/31/2017	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.36	2.48	8.17	—	pCi/L	Y	U	U	2017-2223	CAMO-17-142063	GELC
R-16r	600.0	07/28/2021	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	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	08/19/2020	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	07/20/2018	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	07/31/2017	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	08/04/2016	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.483	—	—	0.017	mg/L	Y	—	NQ	2016-1931	CAMO-16-124290	GELC
R-16r	600.0	07/28/2021	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	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	08/19/2020	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	07/20/2018	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	07/31/2017	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	08/04/2016	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.377	—	—	0.05	µg/L	Y	—	NQ	2016-1931	CAMO-16-124290	GELC
R-16r	600.0	07/28/2021	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	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	08/19/2020	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	07/10/2019	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	07/20/2018	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	07/31/2017	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0142	0.00751	0.0573	—	pCi/L	Y	U	U	2017-2223	CAMO-17-142063	GELC
R-16r	600.0	07/28/2021	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	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	08/19/2020	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	07/10/2019	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	07/20/2018	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	07/31/2017	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00237	0.00712	0.0623	—	pCi/L	Y	U	U	2017-2223	CAMO-17-142063	GELC
R-16r	600.0	07/28/2021	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	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	08/19/2020	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	07/10/2019	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	07/20/2018	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	07/31/2017	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.15	—	—	0.05	mg/L	Y	—	NQ	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/28/2021	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	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	08/19/2020	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	07/10/2019	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	07/20/2018	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
R-16r	600.0	07/31/2017	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	7.08	19.4	72.5	—	pCi/L	Y	U	U	2017-2223	CAMO-17-142063	GELC
R-16r	600.0	07/28/2021	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	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	08/19/2020	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	02/06/2008	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	11/13/2007	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	07/28/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	UF	INIT	FD	RAD	Generic:Radium by Calculation	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	08/19/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	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	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	08/19/2020	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	02/06/2008	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	11/13/2007	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

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 (ft)	Sample Date	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	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	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	08/19/2020	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	07/10/2019	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	07/20/2018	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	07/31/2017	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	38.9	—	—	0.053	mg/L	Y	—	NQ	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/28/2021	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	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	08/19/2020	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	07/10/2019	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	07/20/2018	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	07/31/2017	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15	—	—	0.1	mg/L	Y	—	NQ	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/28/2021	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	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	08/19/2020	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	07/10/2019	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	07/20/2018	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	07/31/2017	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-3.33	1.54	4.82	—	pCi/L	Y	U	U	2017-2223	CAMO-17-142063	GELC
R-16r	600.0	07/28/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	189	—	—	1	µScm	Y	—	NQ	N3B-2021-2169	CAMO-21-231044	GELC
R-16r	600.0	07/28/2021	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	189	—	—	1	µScm	Y	—	NQ	N3B-2021-2169	CAMO-21-231106	GELC
R-16r	600.0	08/19/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	187	—	—	1	µScm	Y	—	NQ	N3B-2020-1588	CAMO-20-198981	GELC
R-16r	600.0	07/20/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	176	—	—	1	µScm	Y	—	NQ	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	07/31/2017	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	193	—	—	1	µScm	Y	—	NQ	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	08/04/2016	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	163	—	—	3.63	µScm	Y	—	NQ	2016-1931	CAMO-16-124290	GELC
R-16r	600.0	07/28/2021	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	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	08/19/2020	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	07/10/2019	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	07/20/2018	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	07/31/2017	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	184	—	—	1	µg/L	Y	—	NQ	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/28/2021	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	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	08/19/2020	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	07/10/2019	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	07/20/2018	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
R-16r	600.0	07/31/2017	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0404	0.134	0.482	—	pCi/L	Y	U	U	2017-2223	CAMO-17-142063	GELC
R-16r	600.0	07/28/2021	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	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	08/19/2020	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	07/20/2018	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	07/31/2017	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	08/04/2016	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.51	—	—	0.133	mg/L	Y	—	NQ	2016-1931	CAMO-16-124290	GELC
R-16r	600.0	07/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	Y	3.45	—	—	2.5	µg/L	Y	J	J	N3B-2021-2169	CAMO-21-231044	GELC
R-16r	600.0	07/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Tin	Sn	Y	2.84	—	—	2.5	µg/L	Y	J	J	N3B-2021-2169	CAMO-21-231106	GELC
R-16r	600.0	08/19/2020	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2020-1588	CAMO-20-198981	GELC
R-16r	600.0	07/10/2019	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	5.43	—	—	2.5	µg/L	Y	J	U	N3B-2019-2459	CAMO-19-182848	GELC
R-16r	600.0	07/20/2018	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	3.76	—	—	2.5	µg/L	Y	J	U	N3B-2018-3140	CAMO-18-159853	GELC
R-16r	600.0	07/31/2017	F	INIT	REG	Inorganic	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/28/2021	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	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	08/19/2020	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	07/20/2018	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	07/31/2017	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	08/04/2016	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	100	—	—	3.4	mg/L	Y	—	NQ	2016-1931	CAMO-16-124290	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 (ft)	Sample Date	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	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2021-2169	CAMO-21-231043	GELC
R-16r	600.0	07/28/2021	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.085	—	—	0.033	mg/L	Y	J	J	N3B-2021-2169	CAMO-21-231105	GELC
R-16r	600.0	08/19/2020	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-1588	CAMO-20-198980	GELC
R-16r	600.0	07/10/2019	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0862	—	—	0.033	mg/L	Y	J	U	N3B-2019-2459	CAMO-19-182849	GELC
R-16r	600.0	07/20/2018	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2018-3140	CAMO-18-159854	GELC
R-16r	600.0	07/31/2017	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2017-2223	CAMO-17-142063	GELC
R-16r	600.0	07/28/2021	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	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	08/19/2020	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	07/10/2019	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	07/20/2018	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	07/31/2017	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.544	0.683	2.337	—	pCi/L	Y	U	U	2017-2314	CAMO-17-142063	ARSL
R-16r	600.0	07/28/2021	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	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	08/19/2020	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	07/10/2019	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	07/20/2018	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	07/31/2017	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.16	—	—	0.067	µg/L	Y	—	NQ	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/28/2021	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	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	08/19/2020	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	07/10/2019	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	07/20/2018	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	07/31/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.812	0.042	0.049	—	pCi/L	Y	—	NQ	2017-2223	CAMO-17-142063	GELC
R-16r	600.0	07/28/2021	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	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	08/19/2020	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	07/10/2019	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	07/20/2018	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	07/31/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0694	0.0148	0.0415	—	pCi/L	Y	—	NQ	2017-2223	CAMO-17-142063	GELC
R-16r	600.0	07/28/2021	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	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	08/19/2020	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	07/10/2019	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	07/20/2018	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	07/31/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.434	0.031	0.0405	—	pCi/L	Y	—	NQ	2017-2223	CAMO-17-142063	GELC
R-16r	600.0	07/28/2021	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	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	08/19/2020	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	07/10/2019	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	07/20/2018	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	07/31/2017	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	13.7	—	—	1	µg/L	Y	—	NQ	2017-2223	CAMO-17-142056	GELC
R-16r	600.0	07/28/2021	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	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	08/19/2020	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	07/10/2019	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	07/20/2018	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	07/31/2017	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2017-2223	CAMO-17-142056	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.95	—	—	0.01	SU	Y	H	J	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.91	—	—	0.01	SU	Y	H	J	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.11	—	—	0.01	SU	Y	H	J	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.18	—	—	0.01	SU	Y	H	J	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.09	—	—	0.01	SU	Y	H	NQ	N3B-2020-1865	CAPA-20-206527	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.06	—	—	0.01	SU	Y	H	NQ	N3B-2020-1865	CAPA-20-206530	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 (ft)	Sample Date	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	04/18/2019	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-2019-1426	CAPA-19-171725	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.01	—	—	0.01	SU	Y	H	NQ	2018-2485	CAPA-18-152862	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.99	—	—	0.01	SU	Y	H	NQ	2018-2485	CAPA-18-152875	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	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	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	09/22/2020	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206527	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206530	GELC
R-17 S1	1057.0	04/18/2019	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171725	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.6	—	—	1.45	mg/L	Y	—	NQ	2018-2485	CAPA-18-152862	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.6	—	—	1.45	mg/L	Y	—	NQ	2018-2485	CAPA-18-152875	GELC
R-17 S1	1057.0	04/18/2022	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	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	04/19/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0021	0.00962	0.042	—	pCi/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	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	09/22/2020	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0171	0.0121	0.0344	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206528	GELC
R-17 S1	1057.0	09/22/2020	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00208	0.0116	0.0377	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206531	GELC
R-17 S1	1057.0	04/18/2019	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0227	0.0157	0.0612	—	pCi/L	Y	U	U	N3B-2019-1426	CAPA-19-171726	GELC
R-17 S1	1057.0	04/19/2018	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.02	0.00865	0.0468	—	pCi/L	Y	U	U	2018-2485	CAPA-18-152863	GELC
R-17 S1	1057.0	04/19/2018	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.012	0.00928	0.0449	—	pCi/L	Y	U	U	2018-2485	CAPA-18-152877	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	37.2	—	—	1	µg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6010D	Barium	Ba	Y	36.7	—	—	1	µg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	39.1	—	—	1	µg/L	Y	—	NQ	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	40.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	37.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206527	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	38.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206530	GELC
R-17 S1	1057.0	04/18/2019	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	37.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171725	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	39.8	—	—	1	µg/L	Y	—	NQ	2018-2485	CAPA-18-152862	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	38.9	—	—	1	µg/L	Y	—	NQ	2018-2485	CAPA-18-152875	GELC
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	Y	14.2	—	—	6	µg/L	Y	J	J	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	Y	15.7	—	—	6.09	µg/L	Y	J	J	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	09/22/2020	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	13.5	—	—	6	µg/L	Y	J	J	N3B-2020-1865	CAPA-20-206528	GELC
R-17 S1	1057.0	09/22/2020	UF	INIT	FD	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	13.9	—	—	5.97	µg/L	Y	J	J	N3B-2020-1865	CAPA-20-206531	GELC
R-17 S1	1057.0	04/18/2019	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6	—	—	6	µg/L	Y	U	U	N3B-2019-1426	CAPA-19-171726	GELC
R-17 S1	1057.0	04/19/2018	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6	—	—	6	µg/L	Y	U	UJ	2018-2485	CAPA-18-152863	GELC
R-17 S1	1057.0	04/19/2018	UF	INIT	FD	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.19	—	—	6.19	µg/L	Y	U	UJ	2018-2485	CAPA-18-152877	GELC
R-17 S1	1057.0	04/13/2017	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	22	—	—	6.59	µg/L	Y	U	U	2017-1380	CAPA-17-130555	GELC
R-17 S1	1057.0	04/18/2022	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	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	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	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	09/22/2020	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	9.54	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206527	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	9.71	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206530	GELC
R-17 S1	1057.0	04/18/2019	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171725	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.3	—	—	0.05	mg/L	Y	—	NQ	2018-2485	CAPA-18-152862	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.2	—	—	0.05	mg/L	Y	—	NQ	2018-2485	CAPA-18-152875	GELC
R-17 S1	1057.0	04/18/2022	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	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	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0547	1.38	5.1	—	pCi/L	Y	U	U	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.709	1.2	4.65	—	pCi/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	09/22/2020	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.229	0.892	3.36	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206528	GELC
R-17 S1	1057.0	09/22/2020	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	Y	6.49	2.05	3.29	—	pCi/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206531	GELC
R-17 S1	1057.0	04/18/2019	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.34	1.35	5.17	—	pCi/L	Y	U	U	N3B-2019-1426	CAPA-19-171726	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 (ft)	Sample Date	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	04/19/2018	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.671	0.989	3.91	—	pCi/L	Y	U	U	2018-2485	CAPA-18-152863	GELC
R-17 S1	1057.0	04/19/2018	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.17	1.36	4.66	—	pCi/L	Y	U	U	2018-2485	CAPA-18-152877	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.57	—	—	0.067	mg/L	Y	—	J	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.86	—	—	0.067	mg/L	Y	—	J	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.99	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.91	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206527	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.27	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206530	GELC
R-17 S1	1057.0	04/18/2019	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.72	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171725	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.8	—	—	0.067	mg/L	Y	—	NQ	2018-2485	CAPA-18-152862	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.82	—	—	0.067	mg/L	Y	—	NQ	2018-2485	CAPA-18-152875	GELC
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.86	1.09	3.2	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	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	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	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	09/22/2020	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.68	1.96	4.41	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206528	GELC
R-17 S1	1057.0	09/22/2020	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	4.05	1.26	4.09	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206531	GELC
R-17 S1	1057.0	04/18/2019	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.36	1.4	6.27	—	pCi/L	Y	U	U	N3B-2019-1426	CAPA-19-171726	GELC
R-17 S1	1057.0	04/19/2018	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.699	0.949	4.18	—	pCi/L	Y	U	U	2018-2485	CAPA-18-152863	GELC
R-17 S1	1057.0	04/19/2018	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.324	1.54	6.09	—	pCi/L	Y	U	U	2018-2485	CAPA-18-152877	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	N	0.033	—	—	0.033	mg/L	Y	U	UJ	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.299	—	—	0.033	mg/L	Y	—	J	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.275	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	04/19/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.273	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.159	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206527	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.166	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206530	GELC
R-17 S1	1057.0	04/18/2019	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.227	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171725	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.169	—	—	0.033	mg/L	Y	—	NQ	2018-2485	CAPA-18-152862	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.221	—	—	0.033	mg/L	Y	—	NQ	2018-2485	CAPA-18-152875	GELC
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.5	0.672	1.8	—	pCi/L	Y	U	UJ	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	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	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	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	09/22/2020	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.266	0.668	2.81	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206528	GELC
R-17 S1	1057.0	09/22/2020	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.178	0.522	2.74	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206531	GELC
R-17 S1	1057.0	04/18/2019	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.04	0.587	1.88	—	pCi/L	Y	U	U	N3B-2019-1426	CAPA-19-171726	GELC
R-17 S1	1057.0	04/19/2018	UF	RE	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.301	0.55	2.72	—	pCi/L	Y	U	U	2018-2485	CAPA-18-152877	GELC
R-17 S1	1057.0	04/19/2018	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.494	0.337	1.12	—	pCi/L	Y	U	U	2018-2485	CAPA-18-152863	GELC
R-17 S1	1057.0	04/19/2018	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	Y	32.7	1.37	0.981	—	pCi/L	N	—	J	2018-2485	CAPA-18-152877	GELC
R-17 S1	1057.0	04/18/2022	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	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	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	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	3.32	0.88	2.63	—	pCi/L	Y	—	J	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	09/22/2020	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.48	0.646	2.54	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206528	GELC
R-17 S1	1057.0	09/22/2020	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	2.95	0.781	2.09	—	pCi/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206531	GELC
R-17 S1	1057.0	04/18/2019	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.35	0.548	1.82	—	pCi/L	Y	U	U	N3B-2019-1426	CAPA-19-171726	GELC
R-17 S1	1057.0	04/19/2018	UF	RE	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.61	0.702	2.15	—	pCi/L	Y	U	U	2018-2485	CAPA-18-152877	GELC
R-17 S1	1057.0	04/19/2018	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.1	0.618	1.6	—	pCi/L	Y	—	NQ	2018-2485	CAPA-18-152863	GELC
R-17 S1	1057.0	04/19/2018	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	853	8.19	2.38	—	pCi/L	N	—	NQ	2018-2485	CAPA-18-152877	GELC
R-17 S1	1057.0	04/18/2022	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	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	04/19/2021	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	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	09/22/2020	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	36.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206527	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 (ft)	Sample Date	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	09/22/2020	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	36.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206530	GELC
R-17 S1	1057.0	04/18/2019	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	39.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171725	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	38	—	—	0.453	mg/L	Y	—	NQ	2018-2485	CAPA-18-152862	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	37.7	—	—	0.453	mg/L	Y	—	NQ	2018-2485	CAPA-18-152875	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	Y	150	—	—	30	µg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6010D	Iron	Fe	Y	147	—	—	30	µg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	118	—	—	30	µg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206527	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	Y	121	—	—	30	µg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206530	GELC
R-17 S1	1057.0	04/18/2019	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2019-1426	CAPA-19-171725	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	33.9	—	—	30	µg/L	Y	J	J	2018-2485	CAPA-18-152862	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	FD	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	2018-2485	CAPA-18-152875	GELC
R-17 S1	1057.0	04/18/2022	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	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	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	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	09/22/2020	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.02	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206527	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.04	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206530	GELC
R-17 S1	1057.0	04/18/2019	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.38	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171725	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3	—	—	0.11	mg/L	Y	—	NQ	2018-2485	CAPA-18-152862	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.98	—	—	0.11	mg/L	Y	—	NQ	2018-2485	CAPA-18-152875	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	Y	2.43	—	—	2	µg/L	Y	J	J	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6010D	Manganese	Mn	Y	2.29	—	—	2	µg/L	Y	J	J	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	9.66	—	—	2	µg/L	Y	J	J	N3B-2020-1865	CAPA-20-206527	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	Y	7.9	—	—	2	µg/L	Y	J	J	N3B-2020-1865	CAPA-20-206530	GELC
R-17 S1	1057.0	04/18/2019	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-1426	CAPA-19-171725	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	2.08	—	—	2	µg/L	Y	J	J	2018-2485	CAPA-18-152862	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	Y	2.14	—	—	2	µg/L	Y	J	J	2018-2485	CAPA-18-152875	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.53	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.05	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.19	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.08	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.33	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206527	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.37	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206530	GELC
R-17 S1	1057.0	04/18/2019	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.21	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171725	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.2	—	—	0.2	µg/L	Y	—	NQ	2018-2485	CAPA-18-152862	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.17	—	—	0.2	µg/L	Y	—	NQ	2018-2485	CAPA-18-152875	GELC
R-17 S1	1057.0	04/18/2022	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	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.2	3.32	10.6	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	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	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.486	2.5	8.03	—	pCi/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	09/22/2020	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.28	1.83	6.22	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206528	GELC
R-17 S1	1057.0	09/22/2020	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.49	1.95	6.69	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206531	GELC
R-17 S1	1057.0	04/18/2019	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.6	2.77	10.6	—	pCi/L	Y	U	U	N3B-2019-1426	CAPA-19-171726	GELC
R-17 S1	1057.0	04/19/2018	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.31	2.14	8.02	—	pCi/L	Y	U	U	2018-2485	CAPA-18-152863	GELC
R-17 S1	1057.0	04/19/2018	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.17	2.4	8.69	—	pCi/L	Y	U	U	2018-2485	CAPA-18-152877	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	4.17	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	4.32	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.806	—	—	0.6	µg/L	Y	J	J	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.699	—	—	0.6	µg/L	Y	J	J	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	11.1	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206527	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 (ft)	Sample Date	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	09/22/2020	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	11.6	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206530	GELC
R-17 S1	1057.0	04/18/2019	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	2.51	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171725	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	1.51	—	—	0.6	µg/L	Y	J	J	2018-2485	CAPA-18-152862	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	FD	Inorganic	SW-846:6020	Nickel	Ni	Y	1.59	—	—	0.6	µg/L	Y	J	J	2018-2485	CAPA-18-152875	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.192	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.18	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.186	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.187	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.174	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206527	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.176	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206530	GELC
R-17 S1	1057.0	04/18/2019	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.184	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171725	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.255	—	—	0.017	mg/L	Y	—	NQ	2018-2485	CAPA-18-152862	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.252	—	—	0.017	mg/L	Y	—	NQ	2018-2485	CAPA-18-152875	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.228	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.227	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/19/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.255	—	—	0.05	µg/L	Y	—	J+	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.235	—	—	0.05	µg/L	Y	—	J+	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.211	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206527	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.221	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206530	GELC
R-17 S1	1057.0	04/18/2019	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.255	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171725	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.214	—	—	0.05	µg/L	Y	—	NQ	2018-2485	CAPA-18-152862	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.227	—	—	0.05	µg/L	Y	—	NQ	2018-2485	CAPA-18-152875	GELC
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00284	0.00635	0.051	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	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	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	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0106	0.0092	0.0575	—	pCi/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	09/22/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00455	0.00719	0.0494	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206528	GELC
R-17 S1	1057.0	09/22/2020	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0079	0.0137	0.0573	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206531	GELC
R-17 S1	1057.0	04/18/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.011	0.014	0.0775	—	pCi/L	Y	U	U	N3B-2019-1426	CAPA-19-171726	GELC
R-17 S1	1057.0	04/19/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0243	0.0282	0.0644	—	pCi/L	Y	U	U	2018-2485	CAPA-18-152863	GELC
R-17 S1	1057.0	04/19/2018	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00339	0.00757	0.0718	—	pCi/L	Y	U	U	2018-2485	CAPA-18-152877	GELC
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00897	0.0767	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.011	0.0129	0.0745	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	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	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0125	0.0597	—	pCi/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	09/22/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0114	0.00819	0.0669	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206528	GELC
R-17 S1	1057.0	09/22/2020	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0158	0.0112	0.0775	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206531	GELC
R-17 S1	1057.0	04/18/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0192	0.0153	0.0714	—	pCi/L	Y	U	U	N3B-2019-1426	CAPA-19-171726	GELC
R-17 S1	1057.0	04/19/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00607	0.0149	0.0695	—	pCi/L	Y	U	U	2018-2485	CAPA-18-152863	GELC
R-17 S1	1057.0	04/19/2018	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0102	0.0102	0.0775	—	pCi/L	Y	U	U	2018-2485	CAPA-18-152877	GELC
R-17 S1	1057.0	04/18/2022	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	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	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	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	09/22/2020	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.48	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206527	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.52	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206530	GELC
R-17 S1	1057.0	04/18/2019	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.58	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171725	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.57	—	—	0.05	mg/L	Y	—	NQ	2018-2485	CAPA-18-152862	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.59	—	—	0.05	mg/L	Y	—	NQ	2018-2485	CAPA-18-152875	GELC
R-17 S1	1057.0	04/18/2022	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	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-41.5	21.3	70	—	pCi/L	Y	U	U	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	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	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-19.4	14.7	54	—	pCi/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	09/22/2020	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-17.5	13.2	49.9	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206528	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 (ft)	Sample Date	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	09/22/2020	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-1.78	12.6	45.1	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206531	GELC
R-17 S1	1057.0	04/18/2019	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-45.7	23.7	85.4	—	pCi/L	Y	U	U	N3B-2019-1426	CAPA-19-171726	GELC
R-17 S1	1057.0	04/19/2018	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-21.6	16	54.6	—	pCi/L	Y	U	U	2018-2485	CAPA-18-152863	GELC
R-17 S1	1057.0	04/19/2018	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	15.6	16.2	70	—	pCi/L	Y	U	U	2018-2485	CAPA-18-152877	GELC
R-17 S1	1057.0	04/18/2022	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	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
R-17 S1	1057.0	04/19/2021	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	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	09/22/2020	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.45	0.126	0.269	—	pCi/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206528	GELC
R-17 S1	1057.0	09/22/2020	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.299	0.103	0.229	—	pCi/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206531	GELC
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.91	0.275	—	—	pCi/L	Y	J	J+	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	UF	INIT	FD	RAD	Generic:Radium by Calculation	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	09/22/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.45	0.191	—	—	pCi/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206528	GELC
R-17 S1	1057.0	09/22/2020	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.442	0.176	—	—	pCi/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206531	GELC
R-17 S1	1057.0	04/18/2022	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	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	04/19/2021	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	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.00315	0.18	0.687	—	pCi/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	09/22/2020	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0815	0.144	0.546	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206528	GELC
R-17 S1	1057.0	09/22/2020	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.143	0.142	0.491	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206531	GELC
R-17 S1	1057.0	04/18/2022	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	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	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	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	09/22/2020	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206527	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206530	GELC
R-17 S1	1057.0	04/18/2019	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171725	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	77	—	—	0.053	mg/L	Y	—	NQ	2018-2485	CAPA-18-152862	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.5	—	—	0.053	mg/L	Y	—	NQ	2018-2485	CAPA-18-152875	GELC
R-17 S1	1057.0	04/18/2022	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	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	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	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	09/22/2020	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206527	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	11.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206530	GELC
R-17 S1	1057.0	04/18/2019	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171725	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	—	NQ	2018-2485	CAPA-18-152862	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	11.6	—	—	0.1	mg/L	Y	—	NQ	2018-2485	CAPA-18-152875	GELC
R-17 S1	1057.0	04/18/2022	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	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	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	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	09/22/2020	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.196	1.06	3.35	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206528	GELC
R-17 S1	1057.0	09/22/2020	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	1.53	0.764	3.15	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206531	GELC
R-17 S1	1057.0	04/18/2019	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.927	1.29	5.72	—	pCi/L	Y	U	U	N3B-2019-1426	CAPA-19-171726	GELC
R-17 S1	1057.0	04/19/2018	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.913	1.19	4.96	—	pCi/L	Y	U	U	2018-2485	CAPA-18-152863	GELC
R-17 S1	1057.0	04/19/2018	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.466	1.26	5.2	—	pCi/L	Y	U	U	2018-2485	CAPA-18-152877	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132	—	—	1	µScm	Y	—	NQ	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	130	—	—	1	µScm	Y	—	NQ	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	123	—	—	1	µScm	Y	—	NQ	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	122	—	—	1	µScm	Y	—	NQ	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	124	—	—	1	µScm	Y	—	NQ	N3B-2020-1865	CAPA-20-206527	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 (ft)	Sample Date	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	09/22/2020	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	124	—	—	1	µScm	Y	—	NQ	N3B-2020-1865	CAPA-20-206530	GELC
R-17 S1	1057.0	04/18/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	124	—	—	1	µScm	Y	—	NQ	N3B-2019-1426	CAPA-19-171725	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	120	—	—	1	µScm	Y	—	NQ	2018-2485	CAPA-18-152862	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	123	—	—	1	µScm	Y	—	NQ	2018-2485	CAPA-18-152875	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	41.8	—	—	1	µg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6010D	Strontium	Sr	Y	41.7	—	—	1	µg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	44.9	—	—	1	µg/L	Y	—	NQ	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	46.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	43.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206527	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	43.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206530	GELC
R-17 S1	1057.0	04/18/2019	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	44.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171725	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	44.2	—	—	1	µg/L	Y	—	NQ	2018-2485	CAPA-18-152862	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	43.7	—	—	1	µg/L	Y	—	NQ	2018-2485	CAPA-18-152875	GELC
R-17 S1	1057.0	04/18/2022	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	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	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	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0994	0.14	0.484	—	pCi/L	Y	U	UJ	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	09/22/2020	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0555	0.14	0.486	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206528	GELC
R-17 S1	1057.0	09/22/2020	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0365	0.141	0.487	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206531	GELC
R-17 S1	1057.0	04/18/2019	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.215	0.12	0.472	—	pCi/L	Y	U	U	N3B-2019-1426	CAPA-19-171726	GELC
R-17 S1	1057.0	04/19/2018	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.037	0.0651	0.22	—	pCi/L	Y	U	U	2018-2485	CAPA-18-152863	GELC
R-17 S1	1057.0	04/19/2018	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.119	0.0497	0.183	—	pCi/L	Y	U	U	2018-2485	CAPA-18-152877	GELC
R-17 S1	1057.0	04/18/2022	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	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	04/19/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.7	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	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	09/22/2020	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.64	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206527	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.65	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206530	GELC
R-17 S1	1057.0	04/18/2019	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.79	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171725	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.74	—	—	0.133	mg/L	Y	—	NQ	2018-2485	CAPA-18-152862	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.74	—	—	0.133	mg/L	Y	—	NQ	2018-2485	CAPA-18-152875	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	127	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	126	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206527	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206530	GELC
R-17 S1	1057.0	04/18/2019	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171725	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	—	3.4	mg/L	Y	—	NQ	2018-2485	CAPA-18-152862	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	146	—	—	3.4	mg/L	Y	—	NQ	2018-2485	CAPA-18-152875	GELC
R-17 S1	1057.0	04/18/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.335	—	—	0.33	mg/L	Y	J	J	N3B-2022-1320	CAPA-22-248773	GELC
R-17 S1	1057.0	04/18/2022	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.445	—	—	0.33	mg/L	Y	J	J	N3B-2022-1320	CAPA-22-248777	GELC
R-17 S1	1057.0	04/19/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.381	—	—	0.33	mg/L	Y	J	J	N3B-2021-1340	CAPA-21-221779	GELC
R-17 S1	1057.0	04/19/2021	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	09/22/2020	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	2.06	—	—	0.33	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206528	GELC
R-17 S1	1057.0	09/22/2020	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	2.12	—	—	0.33	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206531	GELC
R-17 S1	1057.0	04/18/2019	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-1426	CAPA-19-171726	GELC
R-17 S1	1057.0	04/19/2018	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	2018-2485	CAPA-18-152863	GELC
R-17 S1	1057.0	04/19/2018	UF	INIT	FD	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	2018-2485	CAPA-18-152877	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.103	—	—	0.02	mg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.138	—	—	0.02	mg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0372	—	—	0.02	mg/L	Y	J	J	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0355	—	—	0.02	mg/L	Y	J	J	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0475	—	—	0.02	mg/L	Y	J	J	N3B-2020-1865	CAPA-20-206527	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 (ft)	Sample Date	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	09/22/2020	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-2020-1865	CAPA-20-206530	GELC
R-17 S1	1057.0	04/18/2019	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0682	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171725	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0524	—	—	0.02	mg/L	Y	—	U	2018-2485	CAPA-18-152862	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.048	—	—	0.02	mg/L	Y	J	U	2018-2485	CAPA-18-152875	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.413	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.402	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.532	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.533	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.441	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206527	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.446	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206530	GELC
R-17 S1	1057.0	04/18/2019	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.548	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171725	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.495	—	—	0.067	µg/L	Y	—	NQ	2018-2485	CAPA-18-152862	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	0.548	—	—	0.067	µg/L	Y	—	NQ	2018-2485	CAPA-18-152875	GELC
R-17 S1	1057.0	04/18/2022	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	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	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	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	09/22/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.311	0.045	0.119	—	pCi/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206528	GELC
R-17 S1	1057.0	09/22/2020	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.322	0.0461	0.113	—	pCi/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206531	GELC
R-17 S1	1057.0	04/18/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.301	0.0262	0.067	—	pCi/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171726	GELC
R-17 S1	1057.0	04/19/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.418	0.0347	0.0934	—	pCi/L	Y	—	NQ	2018-2485	CAPA-18-152863	GELC
R-17 S1	1057.0	04/19/2018	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.356	0.0302	0.0858	—	pCi/L	Y	—	NQ	2018-2485	CAPA-18-152877	GELC
R-17 S1	1057.0	04/18/2022	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	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	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	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0178	0.014	0.0809	—	pCi/L	Y	U	U	N3B-2021-1340	CAPA-21-221857	GELC
R-17 S1	1057.0	09/22/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0142	0.0155	0.0785	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206528	GELC
R-17 S1	1057.0	09/22/2020	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0236	0.0159	0.0747	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206531	GELC
R-17 S1	1057.0	04/18/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0177	0.00913	0.0486	—	pCi/L	Y	U	U	N3B-2019-1426	CAPA-19-171726	GELC
R-17 S1	1057.0	04/19/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0253	0.0126	0.0443	—	pCi/L	Y	U	U	2018-2485	CAPA-18-152863	GELC
R-17 S1	1057.0	04/19/2018	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0464	0.0123	0.0407	—	pCi/L	Y	—	NQ	2018-2485	CAPA-18-152877	GELC
R-17 S1	1057.0	04/18/2022	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	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	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	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	09/22/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.187	0.0352	0.106	—	pCi/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206528	GELC
R-17 S1	1057.0	09/22/2020	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.159	0.0323	0.101	—	pCi/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206531	GELC
R-17 S1	1057.0	04/18/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.199	0.0214	0.049	—	pCi/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171726	GELC
R-17 S1	1057.0	04/19/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.176	0.0244	0.0571	—	pCi/L	Y	—	NQ	2018-2485	CAPA-18-152863	GELC
R-17 S1	1057.0	04/19/2018	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.167	0.0209	0.0525	—	pCi/L	Y	—	NQ	2018-2485	CAPA-18-152877	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	4.26	—	—	1	µg/L	Y	J	J	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6010D	Vanadium	V	Y	4.12	—	—	1	µg/L	Y	J	J	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.93	—	—	1	µg/L	Y	J	J	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	5.22	—	—	1	µg/L	Y	—	NQ	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.89	—	—	1	µg/L	Y	J	J	N3B-2020-1865	CAPA-20-206527	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	4.99	—	—	1	µg/L	Y	J	J	N3B-2020-1865	CAPA-20-206530	GELC
R-17 S1	1057.0	04/18/2019	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.48	—	—	1	µg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171725	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.42	—	—	1	µg/L	Y	—	NQ	2018-2485	CAPA-18-152862	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	5.14	—	—	1	µg/L	Y	—	NQ	2018-2485	CAPA-18-152875	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	3.45	—	—	3.3	µg/L	Y	J	J	N3B-2022-1320	CAPA-22-248772	GELC
R-17 S1	1057.0	04/18/2022	F	INIT	FD	Inorganic	SW-846:6010D	Zinc	Zn	Y	3.31	—	—	3.3	µg/L	Y	J	J	N3B-2022-1320	CAPA-22-248776	GELC
R-17 S1	1057.0	04/19/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2021-1340	CAPA-21-221778	GELC
R-17 S1	1057.0	04/19/2021	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2021-1340	CAPA-21-221856	GELC
R-17 S1	1057.0	09/22/2020	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	13.1	—	—	3.3	µg/L	Y	J	U	N3B-2020-1865	CAPA-20-206527	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 (ft)	Sample Date	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	09/22/2020	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	32.9	—	—	3.3	µg/L	Y	—	U	N3B-2020-1865	CAPA-20-206530	GELC
R-17 S1	1057.0	04/18/2019	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-1426	CAPA-19-171725	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2018-2485	CAPA-18-152862	GELC
R-17 S1	1057.0	04/19/2018	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2018-2485	CAPA-18-152875	GELC
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248779	GELC
R-17 S2	1124.0	04/14/2022	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-2022-1313	CAPA-22-248783	GELC
R-17 S2	1124.0	04/20/2021	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-2021-1349	CAPA-21-221781	GELC
R-17 S2	1124.0	09/22/2020	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-2020-1865	CAPA-20-206532	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.29	—	—	0.01	SU	Y	H	NQ	N3B-2019-1426	CAPA-19-171729	GELC
R-17 S2	1124.0	04/18/2019	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-2019-1426	CAPA-19-171731	GELC
R-17 S2	1124.0	04/19/2018	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.91	—	—	0.01	SU	Y	H	NQ	2018-2485	CAPA-18-152864	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC
R-17 S2	1124.0	04/20/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-1349	CAPA-21-221781	GELC
R-17 S2	1124.0	09/22/2020	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206532	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	55.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171729	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171731	GELC
R-17 S2	1124.0	04/19/2018	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53	—	—	1.45	mg/L	Y	—	NQ	2018-2485	CAPA-18-152864	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00847	0.0104	0.0356	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0138	0.00795	0.0386	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC
R-17 S2	1124.0	04/20/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00641	0.0088	0.0427	—	pCi/L	Y	U	U	N3B-2021-1349	CAPA-21-221782	GELC
R-17 S2	1124.0	09/22/2020	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0295	0.00983	0.0445	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206533	GELC
R-17 S2	1124.0	04/18/2019	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0567	0.0166	0.0725	—	pCi/L	Y	U	U	N3B-2019-1426	CAPA-19-171730	GELC
R-17 S2	1124.0	04/18/2019	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0156	0.00824	0.0633	—	pCi/L	Y	U	U	N3B-2019-1426	CAPA-19-171732	GELC
R-17 S2	1124.0	04/19/2018	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0112	0.00792	0.0524	—	pCi/L	Y	U	U	2018-2485	CAPA-18-152865	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	28.8	—	—	1	µg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6010D	Barium	Ba	Y	28.5	—	—	1	µg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC
R-17 S2	1124.0	04/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	29.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-1349	CAPA-21-221781	GELC
R-17 S2	1124.0	09/22/2020	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	29.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206532	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	30.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171729	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	29.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171731	GELC
R-17 S2	1124.0	04/19/2018	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	31.2	—	—	1	µg/L	Y	—	NQ	2018-2485	CAPA-18-152864	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	Y	14.4	—	—	6	µg/L	Y	J	J	N3B-2022-1313	CAPA-22-248780	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	Y	14.1	—	—	6.07	µg/L	Y	J	J	N3B-2022-1313	CAPA-22-248784	GELC
R-17 S2	1124.0	09/22/2020	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.04	—	—	6.04	µg/L	Y	U	U	N3B-2020-1865	CAPA-20-206533	GELC
R-17 S2	1124.0	04/18/2019	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.19	—	—	6.19	µg/L	Y	U	U	N3B-2019-1426	CAPA-19-171730	GELC
R-17 S2	1124.0	04/18/2019	UF	INIT	FD	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.59	—	—	6.59	µg/L	Y	U	U	N3B-2019-1426	CAPA-19-171732	GELC
R-17 S2	1124.0	04/19/2018	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.32	—	—	6.32	µg/L	Y	U	UJ	2018-2485	CAPA-18-152865	GELC
R-17 S2	1124.0	04/13/2017	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	21.5	—	—	6.45	µg/L	Y	U	U	2017-1380	CAPA-17-130556	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	8.41	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6010D	Calcium	Ca	Y	8.27	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC
R-17 S2	1124.0	04/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	8.93	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1349	CAPA-21-221781	GELC
R-17 S2	1124.0	09/22/2020	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	8.38	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206532	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	9.08	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171729	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	8.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171731	GELC
R-17 S2	1124.0	04/19/2018	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	9.06	—	—	0.05	mg/L	Y	—	NQ	2018-2485	CAPA-18-152864	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.7	1.12	4.49	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0159	1.52	5.35	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC
R-17 S2	1124.0	04/20/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.02	1.01	3.21	—	pCi/L	Y	U	U	N3B-2021-1349	CAPA-21-221782	GELC
R-17 S2	1124.0	09/22/2020	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.158	0.996	3.26	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206533	GELC
R-17 S2	1124.0	04/18/2019	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.625	1.16	4.74	—	pCi/L	Y	U	U	N3B-2019-1426	CAPA-19-171730	GELC
R-17 S2	1124.0	04/18/2019	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.12	1.6	5.6	—	pCi/L	Y	U	U	N3B-2019-1426	CAPA-19-171732	GELC
R-17 S2	1124.0	04/19/2018	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.67	1.74	5.75	—	pCi/L	Y	U	U	2018-2485	CAPA-18-152865	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.78	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	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 (ft)	Sample Date	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 S2	1124.0	04/14/2022	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.79	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC
R-17 S2	1124.0	04/20/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.7	—	—	0.067	mg/L	Y	—	J+	N3B-2021-1349	CAPA-21-221781	GELC
R-17 S2	1124.0	09/22/2020	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.81	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206532	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.66	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171729	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.56	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171731	GELC
R-17 S2	1124.0	04/19/2018	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.66	—	—	0.067	mg/L	Y	—	NQ	2018-2485	CAPA-18-152864	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.29	—	—	3	µg/L	Y	J	J	N3B-2022-1313	CAPA-22-248779	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.37	—	—	3	µg/L	Y	J	J	N3B-2022-1313	CAPA-22-248783	GELC
R-17 S2	1124.0	04/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.52	—	—	3	µg/L	Y	J	J	N3B-2021-1349	CAPA-21-221781	GELC
R-17 S2	1124.0	09/22/2020	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.93	—	—	3	µg/L	Y	J	J	N3B-2020-1865	CAPA-20-206532	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.05	—	—	3	µg/L	Y	J	J	N3B-2019-1426	CAPA-19-171729	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	FD	Inorganic	SW-846:6020	Chromium	Cr	Y	3.92	—	—	3	µg/L	Y	J	J	N3B-2019-1426	CAPA-19-171731	GELC
R-17 S2	1124.0	04/19/2018	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.76	—	—	3	µg/L	Y	J	J	2018-2485	CAPA-18-152864	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.12	1.45	5.64	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.569	1.06	4.69	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC
R-17 S2	1124.0	04/20/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.52	0.991	4.48	—	pCi/L	Y	U	U	N3B-2021-1349	CAPA-21-221782	GELC
R-17 S2	1124.0	09/22/2020	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.407	0.96	3.58	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206533	GELC
R-17 S2	1124.0	04/18/2019	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.157	1.23	4.98	—	pCi/L	Y	U	U	N3B-2019-1426	CAPA-19-171730	GELC
R-17 S2	1124.0	04/18/2019	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.62	1.09	3.64	—	pCi/L	Y	U	U	N3B-2019-1426	CAPA-19-171732	GELC
R-17 S2	1124.0	04/19/2018	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.287	1.95	7.51	—	pCi/L	Y	U	U	2018-2485	CAPA-18-152865	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.278	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.269	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC
R-17 S2	1124.0	04/20/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.29	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1349	CAPA-21-221781	GELC
R-17 S2	1124.0	09/22/2020	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.284	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206532	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.175	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171729	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.191	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171731	GELC
R-17 S2	1124.0	04/19/2018	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.198	—	—	0.033	mg/L	Y	—	NQ	2018-2485	CAPA-18-152864	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.218	0.503	2.13	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	RAD	EPA:900.0	Gross alpha	GROSSA	N	2.45	1.09	2.91	—	pCi/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248784	GELC
R-17 S2	1124.0	04/20/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.992	0.371	2.63	—	pCi/L	Y	U	U	N3B-2021-1349	CAPA-21-221782	GELC
R-17 S2	1124.0	09/22/2020	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.372	0.626	2.55	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206533	GELC
R-17 S2	1124.0	04/18/2019	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.35	0.689	2.77	—	pCi/L	Y	U	U	N3B-2019-1426	CAPA-19-171730	GELC
R-17 S2	1124.0	04/18/2019	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	Y	3.28	1.07	2.78	—	pCi/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171732	GELC
R-17 S2	1124.0	04/19/2018	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	7.48	0.654	0.972	—	pCi/L	Y	—	NQ	2018-2485	CAPA-18-152865	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	1.63	0.888	2.9	—	pCi/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	RAD	EPA:900.0	Gross beta	GROSSB	N	1.09	0.875	2.96	—	pCi/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248784	GELC
R-17 S2	1124.0	04/20/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.47	0.877	2.75	—	pCi/L	Y	U	UJ	N3B-2021-1349	CAPA-21-221782	GELC
R-17 S2	1124.0	09/22/2020	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.97	0.772	2.35	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206533	GELC
R-17 S2	1124.0	04/18/2019	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.73	0.401	1.15	—	pCi/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171730	GELC
R-17 S2	1124.0	04/18/2019	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	2.2	0.365	1.1	—	pCi/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171732	GELC
R-17 S2	1124.0	04/19/2018	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	1530	10.9	1.78	—	pCi/L	Y	—	NQ	2018-2485	CAPA-18-152865	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	32.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	31.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC
R-17 S2	1124.0	04/20/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	34.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-1349	CAPA-21-221781	GELC
R-17 S2	1124.0	09/22/2020	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	33.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206532	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	36.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171729	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	35.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171731	GELC
R-17 S2	1124.0	04/19/2018	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	34.7	—	—	0.453	mg/L	Y	—	NQ	2018-2485	CAPA-18-152864	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	2.7	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6010D	Magnesium	Mg	Y	2.68	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC
R-17 S2	1124.0	04/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.93	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-1349	CAPA-21-221781	GELC
R-17 S2	1124.0	09/22/2020	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.13	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206532	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.33	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171729	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.27	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171731	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 (ft)	Sample Date	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 S2	1124.0	04/19/2018	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.94	—	—	0.11	mg/L	Y	—	NQ	2018-2485	CAPA-18-152864	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.11	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.04	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC
R-17 S2	1124.0	04/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.1	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-1349	CAPA-21-221781	GELC
R-17 S2	1124.0	09/22/2020	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.14	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206532	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.16	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171729	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.16	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171731	GELC
R-17 S2	1124.0	04/19/2018	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.2	—	—	0.2	µg/L	Y	—	NQ	2018-2485	CAPA-18-152864	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.27	2.34	7	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.46	2.34	8.17	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC
R-17 S2	1124.0	04/20/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.568	1.96	7.47	—	pCi/L	Y	U	U	N3B-2021-1349	CAPA-21-221782	GELC
R-17 S2	1124.0	09/22/2020	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.92	1.77	6.41	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206533	GELC
R-17 S2	1124.0	04/18/2019	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.98	2.69	9.42	—	pCi/L	Y	U	U	N3B-2019-1426	CAPA-19-171730	GELC
R-17 S2	1124.0	04/18/2019	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.55	2	7.34	—	pCi/L	Y	U	U	N3B-2019-1426	CAPA-19-171732	GELC
R-17 S2	1124.0	04/19/2018	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.375	3.26	11.5	—	pCi/L	Y	U	U	2018-2485	CAPA-18-152865	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.317	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.318	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC
R-17 S2	1124.0	04/20/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.321	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-1349	CAPA-21-221781	GELC
R-17 S2	1124.0	09/22/2020	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-2020-1865	CAPA-20-206532	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.314	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171729	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.317	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171731	GELC
R-17 S2	1124.0	04/19/2018	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.375	—	—	0.017	mg/L	Y	—	NQ	2018-2485	CAPA-18-152864	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.237	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.236	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC
R-17 S2	1124.0	04/20/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.275	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-1349	CAPA-21-221781	GELC
R-17 S2	1124.0	09/22/2020	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.219	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206532	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.249	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171729	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.263	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171731	GELC
R-17 S2	1124.0	04/19/2018	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.241	—	—	0.05	µg/L	Y	—	NQ	2018-2485	CAPA-18-152864	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00958	0.046	—	pCi/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0194	0.0121	0.0497	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC
R-17 S2	1124.0	04/20/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00536	0.0134	0.0523	—	pCi/L	Y	U	U	N3B-2021-1349	CAPA-21-221782	GELC
R-17 S2	1124.0	09/22/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.029	0.0115	0.0573	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206533	GELC
R-17 S2	1124.0	04/18/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0104	0.016	0.0731	—	pCi/L	Y	U	U	N3B-2019-1426	CAPA-19-171730	GELC
R-17 S2	1124.0	04/18/2019	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0283	0.012	0.0799	—	pCi/L	Y	U	U	N3B-2019-1426	CAPA-19-171732	GELC
R-17 S2	1124.0	04/19/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0165	0.0087	0.0583	—	pCi/L	Y	U	U	2018-2485	CAPA-18-152865	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00256	0.0133	0.0692	—	pCi/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0111	0.0157	0.0749	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC
R-17 S2	1124.0	04/20/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00241	0.008	0.0542	—	pCi/L	Y	U	U	N3B-2021-1349	CAPA-21-221782	GELC
R-17 S2	1124.0	09/22/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00791	0.0132	0.0776	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206533	GELC
R-17 S2	1124.0	04/18/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0415	0.016	0.0673	—	pCi/L	Y	U	U	N3B-2019-1426	CAPA-19-171730	GELC
R-17 S2	1124.0	04/18/2019	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00283	0.013	0.0736	—	pCi/L	Y	U	U	N3B-2019-1426	CAPA-19-171732	GELC
R-17 S2	1124.0	04/19/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0193	0.00825	0.0629	—	pCi/L	Y	U	U	2018-2485	CAPA-18-152865	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	2.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6010D	Potassium	K	Y	2.17	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC
R-17 S2	1124.0	04/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.38	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1349	CAPA-21-221781	GELC
R-17 S2	1124.0	09/22/2020	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.29	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206532	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.45	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171729	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.34	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171731	GELC
R-17 S2	1124.0	04/19/2018	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.46	—	—	0.05	mg/L	Y	—	NQ	2018-2485	CAPA-18-152864	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	6.18	24.3	41.7	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	1.09	22.7	58	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC
R-17 S2	1124.0	04/20/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.102	17.1	46.4	—	pCi/L	Y	U	U	N3B-2021-1349	CAPA-21-221782	GELC
R-17 S2	1124.0	09/22/2020	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	7.06	13	37.7	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206533	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 (ft)	Sample Date	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 S2	1124.0	04/18/2019	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	16.4	17.1	36.8	—	pCi/L	Y	U	U	N3B-2019-1426	CAPA-19-171730	GELC
R-17 S2	1124.0	04/18/2019	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-21.6	15.8	57.9	—	pCi/L	Y	U	U	N3B-2019-1426	CAPA-19-171732	GELC
R-17 S2	1124.0	04/19/2018	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	14.7	33.4	78.2	—	pCi/L	Y	U	U	2018-2485	CAPA-18-152865	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.285	0.124	0.351	—	pCi/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.154	0.115	0.392	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC
R-17 S2	1124.0	04/20/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.163	0.108	0.363	—	pCi/L	Y	U	UJ	N3B-2021-1349	CAPA-21-221782	GELC
R-17 S2	1124.0	09/22/2020	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.266	0.133	0.41	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206533	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.531	0.257	—	—	pCi/L	Y	U	UJ	N3B-2022-1313	CAPA-22-248780	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.369	0.302	—	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC
R-17 S2	1124.0	04/20/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.163	0.19	—	—	pCi/L	Y	—	UJ	N3B-2021-1349	CAPA-21-221782	GELC
R-17 S2	1124.0	09/22/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.564	0.208	—	—	pCi/L	Y	—	U	N3B-2020-1865	CAPA-20-206533	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.246	0.225	0.76	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.215	0.279	0.956	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC
R-17 S2	1124.0	04/20/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0218	0.156	0.584	—	pCi/L	Y	U	U	N3B-2021-1349	CAPA-21-221782	GELC
R-17 S2	1124.0	09/22/2020	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.298	0.16	0.518	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206533	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	71.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	70.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC
R-17 S2	1124.0	04/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-1349	CAPA-21-221781	GELC
R-17 S2	1124.0	09/22/2020	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206532	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171729	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171731	GELC
R-17 S2	1124.0	04/19/2018	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	79.9	—	—	0.053	mg/L	Y	—	NQ	2018-2485	CAPA-18-152864	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	9.74	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6010D	Sodium	Na	Y	9.61	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC
R-17 S2	1124.0	04/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-1349	CAPA-21-221781	GELC
R-17 S2	1124.0	09/22/2020	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206532	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171729	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171731	GELC
R-17 S2	1124.0	04/19/2018	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	2018-2485	CAPA-18-152864	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.706	1.12	3.92	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.733	1.25	4.94	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC
R-17 S2	1124.0	04/20/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.767	0.911	4.06	—	pCi/L	Y	U	U	N3B-2021-1349	CAPA-21-221782	GELC
R-17 S2	1124.0	09/22/2020	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.486	0.834	3.42	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206533	GELC
R-17 S2	1124.0	04/18/2019	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.58	1.3	6.17	—	pCi/L	Y	U	U	N3B-2019-1426	CAPA-19-171730	GELC
R-17 S2	1124.0	04/18/2019	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.792	1.08	4.02	—	pCi/L	Y	U	U	N3B-2019-1426	CAPA-19-171732	GELC
R-17 S2	1124.0	04/19/2018	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0841	1.82	6.96	—	pCi/L	Y	U	U	2018-2485	CAPA-18-152865	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	125	—	—	1	µScm	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	124	—	—	1	µScm	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC
R-17 S2	1124.0	04/20/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	112	—	—	1	µScm	Y	—	NQ	N3B-2021-1349	CAPA-21-221781	GELC
R-17 S2	1124.0	09/22/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	114	—	—	1	µScm	Y	—	NQ	N3B-2020-1865	CAPA-20-206532	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	116	—	—	1	µScm	Y	—	NQ	N3B-2019-1426	CAPA-19-171729	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	115	—	—	1	µScm	Y	—	NQ	N3B-2019-1426	CAPA-19-171731	GELC
R-17 S2	1124.0	04/19/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	113	—	—	1	µScm	Y	—	NQ	2018-2485	CAPA-18-152864	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	39.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6010D	Strontium	Sr	Y	38.7	—	—	1	µg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC
R-17 S2	1124.0	04/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	41.3	—	—	1	µg/L	Y	—	NQ	N3B-2021-1349	CAPA-21-221781	GELC
R-17 S2	1124.0	09/22/2020	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	42.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206532	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	43.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171729	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	41.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171731	GELC
R-17 S2	1124.0	04/19/2018	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	42.4	—	—	1	µg/L	Y	—	NQ	2018-2485	CAPA-18-152864	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0566	0.0908	0.305	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.12	0.122	0.425	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC
R-17 S2	1124.0	04/20/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.069	0.12	0.426	—	pCi/L	Y	U	U	N3B-2021-1349	CAPA-21-221782	GELC
R-17 S2	1124.0	09/22/2020	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.332	0.122	0.471	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206533	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 (ft)	Sample Date	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 S2	1124.0	04/18/2019	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.182	0.125	0.471	—	pCi/L	Y	U	U	N3B-2019-1426	CAPA-19-171730	GELC
R-17 S2	1124.0	04/18/2019	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.349	0.117	0.469	—	pCi/L	Y	U	U	N3B-2019-1426	CAPA-19-171732	GELC
R-17 S2	1124.0	04/19/2018	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.129	0.0517	0.191	—	pCi/L	Y	U	U	2018-2485	CAPA-18-152865	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.72	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.74	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC
R-17 S2	1124.0	04/20/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.72	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-1349	CAPA-21-221781	GELC
R-17 S2	1124.0	09/22/2020	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.68	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206532	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.81	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171729	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.84	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171731	GELC
R-17 S2	1124.0	04/19/2018	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.74	—	—	0.133	mg/L	Y	—	NQ	2018-2485	CAPA-18-152864	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC
R-17 S2	1124.0	04/20/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	130	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-1349	CAPA-21-221781	GELC
R-17 S2	1124.0	09/22/2020	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206532	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171729	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171731	GELC
R-17 S2	1124.0	04/19/2018	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	126	—	—	3.4	mg/L	Y	—	NQ	2018-2485	CAPA-18-152864	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.575	—	—	0.33	mg/L	Y	J	J	N3B-2022-1313	CAPA-22-248780	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.374	—	—	0.33	mg/L	Y	J	J	N3B-2022-1313	CAPA-22-248784	GELC
R-17 S2	1124.0	04/20/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2021-1349	CAPA-21-221782	GELC
R-17 S2	1124.0	09/22/2020	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2020-1865	CAPA-20-206533	GELC
R-17 S2	1124.0	04/18/2019	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-1426	CAPA-19-171730	GELC
R-17 S2	1124.0	04/18/2019	UF	INIT	FD	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-1426	CAPA-19-171732	GELC
R-17 S2	1124.0	04/19/2018	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	2018-2485	CAPA-18-152865	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0979	—	—	0.02	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.108	—	—	0.02	mg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC
R-17 S2	1124.0	04/20/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0428	—	—	0.02	mg/L	Y	J	J	N3B-2021-1349	CAPA-21-221781	GELC
R-17 S2	1124.0	09/22/2020	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0372	—	—	0.02	mg/L	Y	J	J	N3B-2020-1865	CAPA-20-206532	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0627	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171729	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0655	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171731	GELC
R-17 S2	1124.0	04/19/2018	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0585	—	—	0.02	mg/L	Y	—	U	2018-2485	CAPA-18-152864	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.411	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.418	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC
R-17 S2	1124.0	04/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.436	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-1349	CAPA-21-221781	GELC
R-17 S2	1124.0	09/22/2020	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.443	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206532	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.477	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171729	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	0.467	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171731	GELC
R-17 S2	1124.0	04/19/2018	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.457	—	—	0.067	µg/L	Y	—	NQ	2018-2485	CAPA-18-152864	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.214	0.0303	0.052	—	pCi/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248780	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.247	0.0302	0.05	—	pCi/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248784	GELC
R-17 S2	1124.0	04/20/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.369	0.0623	0.192	—	pCi/L	Y	—	J	N3B-2021-1349	CAPA-21-221782	GELC
R-17 S2	1124.0	09/22/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.28	0.0301	0.0544	—	pCi/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206533	GELC
R-17 S2	1124.0	04/18/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.293	0.0281	0.0699	—	pCi/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171730	GELC
R-17 S2	1124.0	04/18/2019	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.263	0.0269	0.0744	—	pCi/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171732	GELC
R-17 S2	1124.0	04/19/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.366	0.0322	0.0913	—	pCi/L	Y	—	NQ	2018-2485	CAPA-18-152865	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00663	0.00812	0.0378	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248780	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0128	0.00904	0.0363	—	pCi/L	Y	U	U	N3B-2022-1313	CAPA-22-248784	GELC
R-17 S2	1124.0	04/20/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.041	0.0257	0.19	—	pCi/L	Y	U	UJ	N3B-2021-1349	CAPA-21-221782	GELC
R-17 S2	1124.0	09/22/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0143	0.00951	0.0353	—	pCi/L	Y	U	U	N3B-2020-1865	CAPA-20-206533	GELC
R-17 S2	1124.0	04/18/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00265	0.007	0.0508	—	pCi/L	Y	U	U	N3B-2019-1426	CAPA-19-171730	GELC
R-17 S2	1124.0	04/18/2019	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00563	0.0069	0.0541	—	pCi/L	Y	U	U	N3B-2019-1426	CAPA-19-171732	GELC
R-17 S2	1124.0	04/19/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0216	0.0127	0.0433	—	pCi/L	Y	U	U	2018-2485	CAPA-18-152865	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.19	0.0256	0.0481	—	pCi/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248780	GELC
R-17 S2	1124.0	04/14/2022	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.144	0.0212	0.0463	—	pCi/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248784	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 (ft)	Sample Date	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 S2	1124.0	04/20/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.278	0.0527	0.193	—	pCi/L	Y	—	J	N3B-2021-1349	CAPA-21-221782	GELC
R-17 S2	1124.0	09/22/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.181	0.0236	0.0485	—	pCi/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206533	GELC
R-17 S2	1124.0	04/18/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.152	0.0195	0.0512	—	pCi/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171730	GELC
R-17 S2	1124.0	04/18/2019	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.171	0.0203	0.0545	—	pCi/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171732	GELC
R-17 S2	1124.0	04/19/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.192	0.0236	0.0558	—	pCi/L	Y	—	NQ	2018-2485	CAPA-18-152865	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	7.12	—	—	1	µg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248779	GELC
R-17 S2	1124.0	04/14/2022	F	INIT	FD	Inorganic	SW-846:6010D	Vanadium	V	Y	7.02	—	—	1	µg/L	Y	—	NQ	N3B-2022-1313	CAPA-22-248783	GELC
R-17 S2	1124.0	04/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.87	—	—	1	µg/L	Y	—	NQ	N3B-2021-1349	CAPA-21-221781	GELC
R-17 S2	1124.0	09/22/2020	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.61	—	—	1	µg/L	Y	—	NQ	N3B-2020-1865	CAPA-20-206532	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171729	GELC
R-17 S2	1124.0	04/18/2019	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	7.39	—	—	1	µg/L	Y	—	NQ	N3B-2019-1426	CAPA-19-171731	GELC
R-17 S2	1124.0	04/19/2018	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	8.06	—	—	1	µg/L	Y	—	NQ	2018-2485	CAPA-18-152864	GELC
R-19 S2	893.3	09/28/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	2.31	—	—	1.74	µg/L	Y	J	J	N3B-2021-2741	CAPA-21-234457	GELC
R-19 S2	893.3	09/28/2021	UF	INIT	FD	VOC	SW-846:8260D	Acetone	67-64-1	Y	2.57	—	—	1.74	µg/L	Y	J	J	N3B-2021-2741	CAPA-21-234459	GELC
R-19 S2	893.3	04/07/2021	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	2.93	—	—	1.5	µg/L	Y	J	J	N3B-2021-1214	CAPA-21-221776	GELC
R-19 S2	893.3	01/13/2021	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2021-722	CAPA-21-217341	GELC
R-19 S2	893.3	01/13/2021	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2021-722	CAPA-21-217333	GELC
R-19 S2	893.3	12/17/2020	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2021-660	CAPA-21-209289	GELC
R-19 S2	893.3	09/10/2009	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3.5	µg/L	Y	U	U	09-3209	CAPA-09-12159	GELC
R-19 S2	893.3	04/06/2022	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-2022-1246	CAPA-22-248758	GELC
R-19 S2	893.3	09/28/2021	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.67	—	—	0.01	SU	Y	H	J	N3B-2021-2741	CAPA-21-234458	GELC
R-19 S2	893.3	09/28/2021	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.67	—	—	0.01	SU	Y	H	J	N3B-2021-2741	CAPA-21-234460	GELC
R-19 S2	893.3	04/07/2021	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.79	—	—	0.01	SU	Y	H	J	N3B-2021-1214	CAPA-21-221775	GELC
R-19 S2	893.3	01/13/2021	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.71	—	—	0.01	SU	Y	H	J	N3B-2021-722	CAPA-21-217332	GELC
R-19 S2	893.3	01/13/2021	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.61	—	—	0.01	SU	Y	H	J	N3B-2021-722	CAPA-21-217340	GELC
R-19 S2	893.3	12/17/2020	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-2021-660	CAPA-21-209097	GELC
R-19 S2	893.3	04/13/2015	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.13	—	—	0.01	SU	Y	H	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/06/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1246	CAPA-22-248758	GELC
R-19 S2	893.3	09/28/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC
R-19 S2	893.3	09/28/2021	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234460	GELC
R-19 S2	893.3	04/07/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-1214	CAPA-21-221775	GELC
R-19 S2	893.3	01/13/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217332	GELC
R-19 S2	893.3	01/13/2021	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217340	GELC
R-19 S2	893.3	12/17/2020	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-660	CAPA-21-209097	GELC
R-19 S2	893.3	04/13/2015	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.8	—	—	0.725	mg/L	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/06/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0215	0.0149	0.0401	—	pCi/L	Y	U	UJ	N3B-2022-1246	CAPA-22-248759	GELC
R-19 S2	893.3	04/07/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0256	0.0151	0.0731	—	pCi/L	Y	U	U	N3B-2021-1214	CAPA-21-221776	GELC
R-19 S2	893.3	04/13/2015	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0137	0.0108	0.0525	—	pCi/L	Y	U	U	2015-1027	CAPA-15-93439	GELC
R-19 S2	893.3	04/09/2014	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00205	0.0103	0.0316	—	pCi/L	Y	U	U	2014-3179	CAPA-14-56390	GELC
R-19 S2	893.3	04/17/2013	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00267	0.00596	0.0466	—	pCi/L	Y	U	U	2013-741	CAPA-13-29669	GELC
R-19 S2	893.3	09/28/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0321	—	—	0.017	mg/L	Y	J	J	N3B-2021-2741	CAPA-21-234458	GELC
R-19 S2	893.3	09/28/2021	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0376	—	—	0.017	mg/L	Y	J	J	N3B-2021-2741	CAPA-21-234460	GELC
R-19 S2	893.3	04/07/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2021-1214	CAPA-21-221775	GELC
R-19 S2	893.3	01/13/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0314	—	—	0.017	mg/L	Y	J	U	N3B-2021-722	CAPA-21-217332	GELC
R-19 S2	893.3	01/13/2021	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0405	—	—	0.017	mg/L	Y	J	U	N3B-2021-722	CAPA-21-217340	GELC
R-19 S2	893.3	12/17/2020	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.087	—	—	0.017	mg/L	Y	—	U	N3B-2021-660	CAPA-21-209097	GELC
R-19 S2	893.3	04/13/2015	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0508	—	—	0.017	mg/L	Y	—	U	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	21.8	—	—	1	µg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	21.7	—	—	1	µg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234460	GELC
R-19 S2	893.3	04/07/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	21.1	—	—	1	µg/L	Y	—	NQ	N3B-2021-1214	CAPA-21-221775	GELC
R-19 S2	893.3	01/13/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	21.7	—	—	1	µg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217332	GELC
R-19 S2	893.3	01/13/2021	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	21.3	—	—	1	µg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217340	GELC
R-19 S2	893.3	12/17/2020	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	20.6	—	—	1	µg/L	Y	—	NQ	N3B-2021-660	CAPA-21-209097	GELC
R-19 S2	893.3	04/13/2015	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	25.1	—	—	1	µg/L	Y	—	NQ	2015-1027	CAPA-15-93476	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 (ft)	Sample Date	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-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15	—	—	15	µg/L	Y	J	J	N3B-2021-2741	CAPA-21-234458	GELC
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	15.5	—	—	15	µg/L	Y	J	J	N3B-2021-2741	CAPA-21-234460	GELC
R-19 S2	893.3	04/07/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2021-1214	CAPA-21-221775	GELC
R-19 S2	893.3	01/13/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	20.5	—	—	15	µg/L	Y	J	J	N3B-2021-722	CAPA-21-217332	GELC
R-19 S2	893.3	01/13/2021	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	20	—	—	15	µg/L	Y	J	J	N3B-2021-722	CAPA-21-217340	GELC
R-19 S2	893.3	12/17/2020	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2021-660	CAPA-21-209097	GELC
R-19 S2	893.3	04/13/2015	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15	—	—	15	µg/L	Y	J	J	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234460	GELC
R-19 S2	893.3	04/07/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1214	CAPA-21-221775	GELC
R-19 S2	893.3	01/13/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217332	GELC
R-19 S2	893.3	01/13/2021	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	14	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217340	GELC
R-19 S2	893.3	12/17/2020	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-660	CAPA-21-209097	GELC
R-19 S2	893.3	04/13/2015	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.1	—	—	0.05	mg/L	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/06/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-3.56	1.98	6.38	—	pCi/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC
R-19 S2	893.3	04/07/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.178	1.07	4	—	pCi/L	Y	U	U	N3B-2021-1214	CAPA-21-221776	GELC
R-19 S2	893.3	04/13/2015	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.18	1.36	4.75	—	pCi/L	Y	U	U	2015-1027	CAPA-15-93439	GELC
R-19 S2	893.3	04/09/2014	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.07	1.36	4.6	—	pCi/L	Y	U	U	2014-3179	CAPA-14-56390	GELC
R-19 S2	893.3	04/17/2013	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	8.74	2.36	6.42	—	pCi/L	Y	UI	R	2013-741	CAPA-13-29669	GELC
R-19 S2	893.3	04/06/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.02	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-1246	CAPA-22-248758	GELC
R-19 S2	893.3	09/28/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.83	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC
R-19 S2	893.3	09/28/2021	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.86	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234460	GELC
R-19 S2	893.3	04/07/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.78	—	—	0.067	mg/L	Y	—	J+	N3B-2021-1214	CAPA-21-221775	GELC
R-19 S2	893.3	01/13/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.79	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217332	GELC
R-19 S2	893.3	01/13/2021	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.8	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217340	GELC
R-19 S2	893.3	12/17/2020	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.68	—	—	0.067	mg/L	Y	—	J-	N3B-2021-660	CAPA-21-209097	GELC
R-19 S2	893.3	04/13/2015	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.93	—	—	0.067	mg/L	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/06/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.539	1.52	6.17	—	pCi/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC
R-19 S2	893.3	04/07/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.74	1.07	4.05	—	pCi/L	Y	U	U	N3B-2021-1214	CAPA-21-221776	GELC
R-19 S2	893.3	04/13/2015	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.67	2.96	6.27	—	pCi/L	Y	U	U	2015-1027	CAPA-15-93439	GELC
R-19 S2	893.3	04/09/2014	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.908	1.5	6.31	—	pCi/L	Y	U	U	2014-3179	CAPA-14-56390	GELC
R-19 S2	893.3	04/17/2013	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.869	1.67	6.06	—	pCi/L	Y	U	U	2013-741	CAPA-13-29669	GELC
R-19 S2	893.3	04/06/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.628	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-1246	CAPA-22-248758	GELC
R-19 S2	893.3	09/28/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.831	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC
R-19 S2	893.3	09/28/2021	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.839	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234460	GELC
R-19 S2	893.3	04/07/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.555	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1214	CAPA-21-221775	GELC
R-19 S2	893.3	01/13/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.618	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217332	GELC
R-19 S2	893.3	01/13/2021	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.617	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217340	GELC
R-19 S2	893.3	12/17/2020	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.617	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-660	CAPA-21-209097	GELC
R-19 S2	893.3	04/13/2015	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.532	—	—	0.033	mg/L	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/06/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.84	0.68	2.37	—	pCi/L	Y	U	UJ	N3B-2022-1246	CAPA-22-248759	GELC
R-19 S2	893.3	04/07/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.103	0.332	2.2	—	pCi/L	Y	U	U	N3B-2021-1214	CAPA-21-221776	GELC
R-19 S2	893.3	04/13/2015	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	9.7	0.657	1.13	—	pCi/L	Y	—	NQ	2015-1027	CAPA-15-93439	GELC
R-19 S2	893.3	04/09/2014	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.291	0.306	1.05	—	pCi/L	Y	U	U	2014-3179	CAPA-14-56390	GELC
R-19 S2	893.3	04/17/2013	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.398	0.601	2.41	—	pCi/L	Y	U	U	2013-741	CAPA-13-29669	GELC
R-19 S2	893.3	04/06/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	1.5	0.852	2.78	—	pCi/L	Y	U	UJ	N3B-2022-1246	CAPA-22-248759	GELC
R-19 S2	893.3	04/07/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.335	0.731	2.63	—	pCi/L	Y	U	U	N3B-2021-1214	CAPA-21-221776	GELC
R-19 S2	893.3	04/13/2015	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.37	0.431	1.38	—	pCi/L	Y	U	U	2015-1027	CAPA-15-93439	GELC
R-19 S2	893.3	04/09/2014	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.142	0.289	0.973	—	pCi/L	Y	U	U	2014-3179	CAPA-14-56390	GELC
R-19 S2	893.3	04/17/2013	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.26	0.833	2.46	—	pCi/L	Y	—	NQ	2013-741	CAPA-13-29669	GELC
R-19 S2	893.3	04/06/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	48.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1246	CAPA-22-248758	GELC
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	44.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	44.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234460	GELC
R-19 S2	893.3	04/07/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	44.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-1214	CAPA-21-221775	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 (ft)	Sample Date	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-19 S2	893.3	01/13/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	46	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217332	GELC
R-19 S2	893.3	01/13/2021	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	45.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217340	GELC
R-19 S2	893.3	12/17/2020	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	42.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-660	CAPA-21-209097	GELC
R-19 S2	893.3	04/13/2015	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	52.2	—	—	0.453	mg/L	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.77	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.76	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234460	GELC
R-19 S2	893.3	04/07/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.52	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-1214	CAPA-21-221775	GELC
R-19 S2	893.3	01/13/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.57	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217332	GELC
R-19 S2	893.3	01/13/2021	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.51	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217340	GELC
R-19 S2	893.3	12/17/2020	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.38	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-660	CAPA-21-209097	GELC
R-19 S2	893.3	04/13/2015	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.91	—	—	0.11	mg/L	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.36	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.34	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234460	GELC
R-19 S2	893.3	04/07/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.64	—	—	0.2	µg/L	Y	—	J+	N3B-2021-1214	CAPA-21-221775	GELC
R-19 S2	893.3	01/13/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217332	GELC
R-19 S2	893.3	01/13/2021	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.55	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217340	GELC
R-19 S2	893.3	12/17/2020	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.56	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-660	CAPA-21-209097	GELC
R-19 S2	893.3	04/13/2015	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.37	—	—	0.165	µg/L	Y	—	J	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/06/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.15	2.65	8.12	—	pCi/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC
R-19 S2	893.3	04/07/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.307	2.26	8.5	—	pCi/L	Y	U	U	N3B-2021-1214	CAPA-21-221776	GELC
R-19 S2	893.3	04/13/2015	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.15	2.63	9.43	—	pCi/L	Y	U	U	2015-1027	CAPA-15-93439	GELC
R-19 S2	893.3	04/09/2014	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.07	3.7	10.9	—	pCi/L	Y	U	U	2014-3179	CAPA-14-56390	GELC
R-19 S2	893.3	04/17/2013	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.51	2.77	9.55	—	pCi/L	Y	U	U	2013-741	CAPA-13-29669	GELC
R-19 S2	893.3	04/06/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.35	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-1246	CAPA-22-248758	GELC
R-19 S2	893.3	09/28/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.358	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC
R-19 S2	893.3	09/28/2021	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.358	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234460	GELC
R-19 S2	893.3	04/07/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.355	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-1214	CAPA-21-221775	GELC
R-19 S2	893.3	01/13/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.342	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217332	GELC
R-19 S2	893.3	01/13/2021	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.342	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217340	GELC
R-19 S2	893.3	12/17/2020	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.335	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-660	CAPA-21-209097	GELC
R-19 S2	893.3	04/13/2015	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.496	—	—	0.017	mg/L	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/06/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.354	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-1246	CAPA-22-248758	GELC
R-19 S2	893.3	09/28/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.337	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC
R-19 S2	893.3	09/28/2021	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.335	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234460	GELC
R-19 S2	893.3	04/07/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.355	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-1214	CAPA-21-221775	GELC
R-19 S2	893.3	01/13/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.304	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217332	GELC
R-19 S2	893.3	01/13/2021	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.307	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217340	GELC
R-19 S2	893.3	12/17/2020	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.329	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-660	CAPA-21-209097	GELC
R-19 S2	893.3	04/13/2015	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.322	—	—	0.05	µg/L	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/06/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0164	0.00768	0.0367	—	pCi/L	Y	U	UJ	N3B-2022-1246	CAPA-22-248759	GELC
R-19 S2	893.3	04/07/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0228	0.0091	0.0493	—	pCi/L	Y	U	UJ	N3B-2021-1214	CAPA-21-221776	GELC
R-19 S2	893.3	04/13/2015	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00413	0.00505	0.0332	—	pCi/L	Y	U	U	2015-1027	CAPA-15-93439	GELC
R-19 S2	893.3	04/09/2014	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00757	0.00977	0.0298	—	pCi/L	Y	U	U	2014-3179	CAPA-14-56390	GELC
R-19 S2	893.3	04/17/2013	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00759	0.0104	0.0394	—	pCi/L	Y	U	U	2013-741	CAPA-13-29669	GELC
R-19 S2	893.3	04/06/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00765	0.0553	—	pCi/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC
R-19 S2	893.3	04/07/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00682	0.00992	0.0511	—	pCi/L	Y	U	U	N3B-2021-1214	CAPA-21-221776	GELC
R-19 S2	893.3	04/13/2015	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00412	0.00652	0.0501	—	pCi/L	Y	U	U	2015-1027	CAPA-15-93439	GELC
R-19 S2	893.3	04/09/2014	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00252	0.00757	0.0446	—	pCi/L	Y	U	U	2014-3179	CAPA-14-56390	GELC
R-19 S2	893.3	04/17/2013	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00759	0.00759	0.0384	—	pCi/L	Y	U	U	2013-741	CAPA-13-29669	GELC
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	0.978	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	0.95	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234460	GELC
R-19 S2	893.3	04/07/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	0.904	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1214	CAPA-21-221775	GELC
R-19 S2	893.3	01/13/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	0.972	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217332	GELC
R-19 S2	893.3	01/13/2021	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.02	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217340	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 (ft)	Sample Date	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-19 S2	893.3	12/17/2020	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	0.945	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-660	CAPA-21-209097	GELC
R-19 S2	893.3	04/13/2015	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	0.963	—	—	0.05	mg/L	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/06/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12.5	21.4	84.5	—	pCi/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC
R-19 S2	893.3	04/07/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-11.3	17.6	64.9	—	pCi/L	Y	U	U	N3B-2021-1214	CAPA-21-221776	GELC
R-19 S2	893.3	04/13/2015	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	7.16	14	46.1	—	pCi/L	Y	U	U	2015-1027	CAPA-15-93439	GELC
R-19 S2	893.3	04/09/2014	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.0111	22.1	59.9	—	pCi/L	Y	U	U	2014-3179	CAPA-14-56390	GELC
R-19 S2	893.3	04/17/2013	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	27.3	17	75	—	pCi/L	Y	U	U	2013-741	CAPA-13-29669	GELC
R-19 S2	893.3	04/06/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	1.18	0.259	0.409	—	pCi/L	Y	—	NQ	N3B-2022-1246	CAPA-22-248759	GELC
R-19 S2	893.3	04/07/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.17	0.0673	0.163	—	pCi/L	Y	—	NQ	N3B-2021-1214	CAPA-21-221776	GELC
R-19 S2	893.3	06/10/2004	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	4.35	3.59	8.67	—	pCi/L	Y	U	U	114796	GU0406G19R201	GELC
R-19 S2	893.3	06/10/2004	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0884	0.0988	0.351	—	pCi/L	Y	U	U	114796	GU0406G19R201	GELC
R-19 S2	893.3	04/06/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.22	0.294	—	—	pCi/L	Y	J	J	N3B-2022-1246	CAPA-22-248759	GELC
R-19 S2	893.3	04/07/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.26	0.311	—	—	pCi/L	Y	—	NQ	N3B-2021-1214	CAPA-21-221776	GELC
R-19 S2	893.3	04/06/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0376	0.14	0.509	—	pCi/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC
R-19 S2	893.3	04/07/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	1.09	0.304	0.868	—	pCi/L	Y	—	NQ	N3B-2021-1214	CAPA-21-221776	GELC
R-19 S2	893.3	06/10/2004	UF	INIT	REG	RAD	EPA:901.1	Radium-228	Ra-228	N	3.79	3.39	13	—	pCi/L	Y	U	U	114796	GU0406G19R201	GELC
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234460	GELC
R-19 S2	893.3	04/07/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-1214	CAPA-21-221775	GELC
R-19 S2	893.3	01/13/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217332	GELC
R-19 S2	893.3	01/13/2021	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217340	GELC
R-19 S2	893.3	12/17/2020	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-660	CAPA-21-209097	GELC
R-19 S2	893.3	04/13/2015	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.4	—	—	0.053	mg/L	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	13.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234460	GELC
R-19 S2	893.3	04/07/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-1214	CAPA-21-221775	GELC
R-19 S2	893.3	01/13/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217332	GELC
R-19 S2	893.3	01/13/2021	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	14	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217340	GELC
R-19 S2	893.3	12/17/2020	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-660	CAPA-21-209097	GELC
R-19 S2	893.3	04/13/2015	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15.2	—	—	0.1	mg/L	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/06/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.00792	1.57	6.13	—	pCi/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC
R-19 S2	893.3	04/07/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.269	0.999	4.3	—	pCi/L	Y	U	U	N3B-2021-1214	CAPA-21-221776	GELC
R-19 S2	893.3	04/13/2015	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.821	1.45	5.45	—	pCi/L	Y	U	U	2015-1027	CAPA-15-93439	GELC
R-19 S2	893.3	04/09/2014	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.593	1.47	6.1	—	pCi/L	Y	U	U	2014-3179	CAPA-14-56390	GELC
R-19 S2	893.3	04/17/2013	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.94	1.43	6.71	—	pCi/L	Y	U	U	2013-741	CAPA-13-29669	GELC
R-19 S2	893.3	04/06/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	162	—	—	1	µScm	Y	—	NQ	N3B-2022-1246	CAPA-22-248758	GELC
R-19 S2	893.3	09/28/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	122	—	—	1	µScm	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC
R-19 S2	893.3	09/28/2021	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	152	—	—	1	µScm	Y	—	NQ	N3B-2021-2741	CAPA-21-234460	GELC
R-19 S2	893.3	04/07/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	155	—	—	1	µScm	Y	—	NQ	N3B-2021-1214	CAPA-21-221775	GELC
R-19 S2	893.3	01/13/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	142	—	—	1	µScm	Y	—	NQ	N3B-2021-722	CAPA-21-217332	GELC
R-19 S2	893.3	01/13/2021	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	142	—	—	1	µScm	Y	—	NQ	N3B-2021-722	CAPA-21-217340	GELC
R-19 S2	893.3	12/17/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	153	—	—	1	µScm	Y	—	NQ	N3B-2021-660	CAPA-21-209097	GELC
R-19 S2	893.3	04/13/2015	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	155	—	—	3.63	µScm	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	57.6	—	—	1	µg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	57.6	—	—	1	µg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234460	GELC
R-19 S2	893.3	04/07/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	54.8	—	—	1	µg/L	Y	—	NQ	N3B-2021-1214	CAPA-21-221775	GELC
R-19 S2	893.3	01/13/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	55.8	—	—	1	µg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217332	GELC
R-19 S2	893.3	01/13/2021	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	54.9	—	—	1	µg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217340	GELC
R-19 S2	893.3	12/17/2020	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	53.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-660	CAPA-21-209097	GELC
R-19 S2	893.3	04/13/2015	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	74.8	—	—	1	µg/L	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/06/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.183	0.141	0.473	—	pCi/L	Y	U	U	N3B-2022-1246	CAPA-22-248759	GELC
R-19 S2	893.3	04/07/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0933	0.143	0.483	—	pCi/L	Y	U	U	N3B-2021-1214	CAPA-21-221776	GELC
R-19 S2	893.3	04/13/2015	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.134	0.128	0.442	—	pCi/L	Y	U	U	2015-1027	CAPA-15-93439	GELC
R-19 S2	893.3	04/09/2014	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.00977	0.0743	0.253	—	pCi/L	Y	U	U	2014-3179	CAPA-14-56390	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 (ft)	Sample Date	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-19 S2	893.3	04/17/2013	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.204	0.134	0.489	—	pCi/L	Y	U	U	2013-741	CAPA-13-29669	GELC
R-19 S2	893.3	04/06/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.28	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-1246	CAPA-22-248758	GELC
R-19 S2	893.3	09/28/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.1	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC
R-19 S2	893.3	09/28/2021	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.11	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234460	GELC
R-19 S2	893.3	04/07/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.13	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-1214	CAPA-21-221775	GELC
R-19 S2	893.3	01/13/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.02	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217332	GELC
R-19 S2	893.3	01/13/2021	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.03	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217340	GELC
R-19 S2	893.3	12/17/2020	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.06	—	—	0.133	mg/L	Y	—	J+	N3B-2021-660	CAPA-21-209097	GELC
R-19 S2	893.3	04/13/2015	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.37	—	—	0.133	mg/L	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/06/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	151	—	—	3.4	mg/L	Y	—	J	N3B-2022-1246	CAPA-22-248758	GELC
R-19 S2	893.3	09/28/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	149	—	—	3.4	mg/L	Y	—	J	N3B-2021-2741	CAPA-21-234458	GELC
R-19 S2	893.3	09/28/2021	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	139	—	—	3.4	mg/L	Y	—	J	N3B-2021-2741	CAPA-21-234460	GELC
R-19 S2	893.3	04/07/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-1214	CAPA-21-221775	GELC
R-19 S2	893.3	01/13/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	133	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217332	GELC
R-19 S2	893.3	01/13/2021	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217340	GELC
R-19 S2	893.3	12/17/2020	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	121	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-660	CAPA-21-209097	GELC
R-19 S2	893.3	04/13/2015	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	3.4	mg/L	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	09/28/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.104	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234457	GELC
R-19 S2	893.3	09/28/2021	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.11	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234459	GELC
R-19 S2	893.3	04/07/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2021-1214	CAPA-21-221776	GELC
R-19 S2	893.3	01/13/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	UJ	N3B-2021-722	CAPA-21-217333	GELC
R-19 S2	893.3	01/13/2021	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0341	—	—	0.033	mg/L	Y	J	J-	N3B-2021-722	CAPA-21-217341	GELC
R-19 S2	893.3	12/17/2020	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	UJ	N3B-2021-660	CAPA-21-209289	GELC
R-19 S2	893.3	04/13/2015	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2015-1027	CAPA-15-93439	GELC
R-19 S2	893.3	09/28/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.385	—	—	0.33	mg/L	Y	J	J	N3B-2021-2741	CAPA-21-234457	GELC
R-19 S2	893.3	09/28/2021	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2021-2741	CAPA-21-234459	GELC
R-19 S2	893.3	04/07/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2021-1214	CAPA-21-221776	GELC
R-19 S2	893.3	01/13/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2021-722	CAPA-21-217333	GELC
R-19 S2	893.3	01/13/2021	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2021-722	CAPA-21-217341	GELC
R-19 S2	893.3	12/17/2020	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2021-660	CAPA-21-209289	GELC
R-19 S2	893.3	04/13/2015	UF	RE	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.24	—	—	0.063	mg/L	Y	BJ	U	2015-1027	CAPA-15-93439	GELC
R-19 S2	893.3	09/28/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.06	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC
R-19 S2	893.3	09/28/2021	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0316	—	—	0.02	mg/L	Y	J	J	N3B-2021-2741	CAPA-21-234460	GELC
R-19 S2	893.3	04/07/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0933	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-1214	CAPA-21-221775	GELC
R-19 S2	893.3	01/13/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.116	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217332	GELC
R-19 S2	893.3	01/13/2021	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.119	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217340	GELC
R-19 S2	893.3	12/17/2020	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.139	—	—	0.02	mg/L	Y	—	U	N3B-2021-660	CAPA-21-209097	GELC
R-19 S2	893.3	04/13/2015	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.139	—	—	0.017	mg/L	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.285	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.284	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234460	GELC
R-19 S2	893.3	04/07/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	N	0.334	—	—	0.067	µg/L	Y	—	U	N3B-2021-1214	CAPA-21-221775	GELC
R-19 S2	893.3	01/13/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.283	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217332	GELC
R-19 S2	893.3	01/13/2021	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.277	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-722	CAPA-21-217340	GELC
R-19 S2	893.3	12/17/2020	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.294	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-660	CAPA-21-209097	GELC
R-19 S2	893.3	04/13/2015	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.295	—	—	0.067	µg/L	Y	—	NQ	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	04/06/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.27	0.0313	0.0454	—	pCi/L	Y	—	NQ	N3B-2022-1246	CAPA-22-248759	GELC
R-19 S2	893.3	04/07/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.278	0.0309	0.078	—	pCi/L	Y	—	NQ	N3B-2021-1214	CAPA-21-221776	GELC
R-19 S2	893.3	04/13/2015	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.256	0.025	0.0837	—	pCi/L	Y	—	NQ	2015-1027	CAPA-15-93439	GELC
R-19 S2	893.3	04/09/2014	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.258	0.0245	0.0439	—	pCi/L	Y	—	NQ	2014-3179	CAPA-14-56390	GELC
R-19 S2	893.3	04/17/2013	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.332	0.0277	0.0532	—	pCi/L	Y	—	J	2013-741	CAPA-13-29669	GELC
R-19 S2	893.3	04/06/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0145	0.00871	0.033	—	pCi/L	Y	U	UJ	N3B-2022-1246	CAPA-22-248759	GELC
R-19 S2	893.3	04/07/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00769	0.00941	0.0769	—	pCi/L	Y	U	U	N3B-2021-1214	CAPA-21-221776	GELC
R-19 S2	893.3	04/13/2015	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0243	0.0112	0.0333	—	pCi/L	Y	U	U	2015-1027	CAPA-15-93439	GELC
R-19 S2	893.3	04/09/2014	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0054	0.00661	0.0314	—	pCi/L	Y	U	U	2014-3179	CAPA-14-56390	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 (ft)	Sample Date	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-19 S2	893.3	04/17/2013	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0107	0.00759	0.0326	—	pCi/L	Y	U	U	2013-741	CAPA-13-29669	GELC
R-19 S2	893.3	04/06/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0843	0.0167	0.042	—	pCi/L	Y	—	NQ	N3B-2022-1246	CAPA-22-248759	GELC
R-19 S2	893.3	04/07/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.112	0.0197	0.0785	—	pCi/L	Y	—	NQ	N3B-2021-1214	CAPA-21-221776	GELC
R-19 S2	893.3	04/13/2015	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.138	0.0182	0.0372	—	pCi/L	Y	—	NQ	2015-1027	CAPA-15-93439	GELC
R-19 S2	893.3	04/09/2014	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0786	0.0138	0.0364	—	pCi/L	Y	—	J	2014-3179	CAPA-14-56390	GELC
R-19 S2	893.3	04/17/2013	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.128	0.018	0.0298	—	pCi/L	Y	—	J	2013-741	CAPA-13-29669	GELC
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.68	—	—	1	µg/L	Y	J	J	N3B-2021-2741	CAPA-21-234458	GELC
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	1.85	—	—	1	µg/L	Y	J	J	N3B-2021-2741	CAPA-21-234460	GELC
R-19 S2	893.3	04/07/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.69	—	—	1	µg/L	Y	J	J	N3B-2021-1214	CAPA-21-221775	GELC
R-19 S2	893.3	01/13/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.73	—	—	1	µg/L	Y	J	J	N3B-2021-722	CAPA-21-217332	GELC
R-19 S2	893.3	01/13/2021	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	1.86	—	—	1	µg/L	Y	J	J	N3B-2021-722	CAPA-21-217340	GELC
R-19 S2	893.3	12/17/2020	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.81	—	—	1	µg/L	Y	J	J	N3B-2021-660	CAPA-21-209097	GELC
R-19 S2	893.3	04/13/2015	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.65	—	—	1	µg/L	Y	J	J	2015-1027	CAPA-15-93476	GELC
R-19 S2	893.3	09/28/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	20.9	—	—	3.3	µg/L	Y	—	NQ	N3B-2021-2741	CAPA-21-234458	GELC
R-19 S2	893.3	09/28/2021	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	Y	13.5	—	—	3.3	µg/L	Y	J	J	N3B-2021-2741	CAPA-21-234460	GELC
R-19 S2	893.3	04/07/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2021-1214	CAPA-21-221775	GELC
R-19 S2	893.3	01/13/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2021-722	CAPA-21-217332	GELC
R-19 S2	893.3	01/13/2021	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2021-722	CAPA-21-217340	GELC
R-19 S2	893.3	12/17/2020	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2021-660	CAPA-21-209097	GELC
R-19 S2	893.3	04/13/2015	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	9.77	—	—	3.3	µg/L	Y	J	J	2015-1027	CAPA-15-93476	GELC
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	2.88	—	—	1.74	µg/L	Y	J	J	N3B-2021-2743	CAPA-21-234461	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	2.55	—	—	1.5	µg/L	Y	J	J	N3B-2021-1224	CAPA-21-221785	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	Y	1.88	—	—	1.5	µg/L	Y	J	J	N3B-2021-1224	CAPA-21-221790	GELC
R-19 S3	1171.4	01/12/2021	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2021-715	CAPA-21-217338	GELC
R-19 S3	1171.4	12/18/2020	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2021-672	CAPA-21-209104	GELC
R-19 S3	1171.4	12/18/2020	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2021-672	CAPA-21-217378	GELC
R-19 S3	1171.4	07/20/2011	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	4.7	—	—	3.5	µg/L	Y	BJ	U	11-2899	CAPA-11-22860	GELC
R-19 S3	1171.4	04/07/2022	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.67	—	—	0.01	SU	Y	H	J	N3B-2022-1259	CAPA-22-248786	GELC
R-19 S3	1171.4	09/29/2021	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-2021-2743	CAPA-21-234462	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.77	—	—	0.01	SU	Y	H	J	N3B-2021-1224	CAPA-21-221784	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.79	—	—	0.01	SU	Y	H	J	N3B-2021-1224	CAPA-21-221789	GELC
R-19 S3	1171.4	01/12/2021	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.62	—	—	0.01	SU	Y	H	J	N3B-2021-715	CAPA-21-217337	GELC
R-19 S3	1171.4	12/18/2020	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-2021-672	CAPA-21-209103	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.52	—	—	0.01	SU	Y	H	NQ	N3B-2021-672	CAPA-21-217377	GELC
R-19 S3	1171.4	04/14/2015	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.44	—	—	0.01	SU	Y	H	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/07/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC
R-19 S3	1171.4	09/29/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221784	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221789	GELC
R-19 S3	1171.4	01/12/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-715	CAPA-21-217337	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	71.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-672	CAPA-21-209103	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-672	CAPA-21-217377	GELC
R-19 S3	1171.4	04/14/2015	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.6	—	—	0.725	mg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00406	0.00952	0.0341	—	pCi/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00669	0.00947	0.067	—	pCi/L	Y	U	U	N3B-2021-1224	CAPA-21-221785	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0134	0.0116	0.0672	—	pCi/L	Y	U	U	N3B-2021-1224	CAPA-21-221790	GELC
R-19 S3	1171.4	04/14/2015	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00643	0.0349	—	pCi/L	Y	U	U	2015-1037	CAPA-15-93440	GELC
R-19 S3	1171.4	04/10/2014	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00395	0.0105	0.0608	—	pCi/L	Y	U	U	2014-3194	CAPA-14-56391	GELC
R-19 S3	1171.4	04/16/2013	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00219	0.00379	0.0382	—	pCi/L	Y	U	U	2013-735	CAPA-13-29670	GELC
R-19 S3	1171.4	04/07/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0554	—	—	0.017	mg/L	Y	—	J+	N3B-2022-1259	CAPA-22-248786	GELC
R-19 S3	1171.4	09/29/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2021-2743	CAPA-21-234462	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2021-1224	CAPA-21-221784	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.022	—	—	0.017	mg/L	Y	J	J	N3B-2021-1224	CAPA-21-221789	GELC
R-19 S3	1171.4	01/12/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0477	—	—	0.017	mg/L	Y	J	U	N3B-2021-715	CAPA-21-217337	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 (ft)	Sample Date	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-19 S3	1171.4	12/18/2020	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0856	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-672	CAPA-21-209103	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0851	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-672	CAPA-21-217377	GELC
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.24	—	—	2	µg/L	Y	J	J	N3B-2022-1259	CAPA-22-248786	GELC
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.15	—	—	2	µg/L	Y	J	J	N3B-2021-2743	CAPA-21-234462	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.53	—	—	2	µg/L	Y	J	J	N3B-2021-1224	CAPA-21-221784	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	2.61	—	—	2	µg/L	Y	J	J	N3B-2021-1224	CAPA-21-221789	GELC
R-19 S3	1171.4	01/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2021-715	CAPA-21-217337	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.18	—	—	2	µg/L	Y	J	J	N3B-2021-672	CAPA-21-209103	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	2.38	—	—	2	µg/L	Y	J	J	N3B-2021-672	CAPA-21-217377	GELC
R-19 S3	1171.4	04/14/2015	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	21.8	—	—	1	µg/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	21.2	—	—	1	µg/L	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	21	—	—	1	µg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221784	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	20.8	—	—	1	µg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221789	GELC
R-19 S3	1171.4	01/12/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	19.9	—	—	1	µg/L	Y	—	NQ	N3B-2021-715	CAPA-21-217337	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	22	—	—	1	µg/L	Y	—	NQ	N3B-2021-672	CAPA-21-209103	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	23.5	—	—	1	µg/L	Y	—	NQ	N3B-2021-672	CAPA-21-217377	GELC
R-19 S3	1171.4	04/14/2015	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	19.8	—	—	1	µg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	Y	13.5	—	—	6	µg/L	Y	J	J	N3B-2022-1259	CAPA-22-248787	GELC
R-19 S3	1171.4	09/29/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.11	—	—	6.11	µg/L	Y	U	U	N3B-2021-2743	CAPA-21-234461	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6	—	—	6	µg/L	Y	U	U	N3B-2021-1224	CAPA-21-221785	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	FD	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	5.94	—	—	5.94	µg/L	Y	U	U	N3B-2021-1224	CAPA-21-221790	GELC
R-19 S3	1171.4	01/12/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	5.89	—	—	5.89	µg/L	Y	U	U	N3B-2021-715	CAPA-21-217338	GELC
R-19 S3	1171.4	12/18/2020	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.09	—	—	6.09	µg/L	Y	U	U	N3B-2021-672	CAPA-21-209104	GELC
R-19 S3	1171.4	12/18/2020	UF	INIT	FD	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.21	—	—	6.21	µg/L	Y	U	U	N3B-2021-672	CAPA-21-217378	GELC
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.9	—	—	15	µg/L	Y	J	J	N3B-2021-2743	CAPA-21-234462	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2021-1224	CAPA-21-221784	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2021-1224	CAPA-21-221789	GELC
R-19 S3	1171.4	01/12/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.9	—	—	15	µg/L	Y	J	J	N3B-2021-715	CAPA-21-217337	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.5	—	—	15	µg/L	Y	J	J	N3B-2021-672	CAPA-21-209103	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	16.7	—	—	15	µg/L	Y	J	J	N3B-2021-672	CAPA-21-217377	GELC
R-19 S3	1171.4	04/14/2015	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	14.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221784	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221789	GELC
R-19 S3	1171.4	01/12/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-715	CAPA-21-217337	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-672	CAPA-21-209103	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-672	CAPA-21-217377	GELC
R-19 S3	1171.4	04/14/2015	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.5	—	—	0.05	mg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.62	2.93	5.42	—	pCi/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.403	1.46	5.38	—	pCi/L	Y	U	U	N3B-2021-1224	CAPA-21-221785	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.23	1.23	4.08	—	pCi/L	Y	U	U	N3B-2021-1224	CAPA-21-221790	GELC
R-19 S3	1171.4	04/14/2015	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0386	1.94	6.34	—	pCi/L	Y	U	U	2015-1037	CAPA-15-93440	GELC
R-19 S3	1171.4	04/10/2014	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.58	1.55	5.7	—	pCi/L	Y	U	U	2014-3194	CAPA-14-56391	GELC
R-19 S3	1171.4	04/16/2013	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.408	2.19	7.61	—	pCi/L	Y	U	U	2013-735	CAPA-13-29670	GELC
R-19 S3	1171.4	04/07/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.86	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC
R-19 S3	1171.4	09/29/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.95	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.73	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221784	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.76	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221789	GELC
R-19 S3	1171.4	01/12/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.04	—	—	0.067	mg/L	Y	—	J+	N3B-2021-715	CAPA-21-217337	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.87	—	—	0.067	mg/L	Y	—	J-	N3B-2021-672	CAPA-21-209103	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.95	—	—	0.067	mg/L	Y	—	J-	N3B-2021-672	CAPA-21-217377	GELC
R-19 S3	1171.4	04/14/2015	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.62	—	—	0.067	mg/L	Y	—	NQ	2015-1037	CAPA-15-93477	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 (ft)	Sample Date	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-19 S3	1171.4	04/07/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.568	1.26	4.94	—	pCi/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.14	1.21	4.67	—	pCi/L	Y	U	U	N3B-2021-1224	CAPA-21-221785	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0386	0.86	3.46	—	pCi/L	Y	U	U	N3B-2021-1224	CAPA-21-221790	GELC
R-19 S3	1171.4	04/14/2015	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.327	1.85	7.23	—	pCi/L	Y	U	U	2015-1037	CAPA-15-93440	GELC
R-19 S3	1171.4	04/10/2014	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	3.01	1.51	7.06	—	pCi/L	Y	U	U	2014-3194	CAPA-14-56391	GELC
R-19 S3	1171.4	04/16/2013	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.4	1.94	6.9	—	pCi/L	Y	U	U	2013-735	CAPA-13-29670	GELC
R-19 S3	1171.4	04/07/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.681	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC
R-19 S3	1171.4	09/29/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.548	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.527	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221784	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.527	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221789	GELC
R-19 S3	1171.4	01/12/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.585	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-715	CAPA-21-217337	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.496	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-672	CAPA-21-217377	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.519	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-672	CAPA-21-209103	GELC
R-19 S3	1171.4	04/14/2015	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.193	—	—	0.033	mg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.04	0.748	2.52	—	pCi/L	Y	U	UJ	N3B-2022-1259	CAPA-22-248787	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.249	0.49	2.19	—	pCi/L	Y	U	U	N3B-2021-1224	CAPA-21-221785	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.379	0.636	2.53	—	pCi/L	Y	U	U	N3B-2021-1224	CAPA-21-221790	GELC
R-19 S3	1171.4	04/14/2015	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	16.5	0.774	0.803	—	pCi/L	Y	—	NQ	2015-1037	CAPA-15-93440	GELC
R-19 S3	1171.4	04/10/2014	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.426	0.414	1.53	—	pCi/L	Y	U	U	2014-3194	CAPA-14-56391	GELC
R-19 S3	1171.4	04/16/2013	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.961	0.699	2.37	—	pCi/L	Y	U	U	2013-735	CAPA-13-29670	GELC
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	1.18	0.798	2.67	—	pCi/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.173	0.723	2.72	—	pCi/L	Y	U	U	N3B-2021-1224	CAPA-21-221785	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	0.425	0.732	2.61	—	pCi/L	Y	U	U	N3B-2021-1224	CAPA-21-221790	GELC
R-19 S3	1171.4	04/14/2015	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.58	0.495	1.59	—	pCi/L	Y	U	U	2015-1037	CAPA-15-93440	GELC
R-19 S3	1171.4	04/10/2014	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.87	0.315	1.01	—	pCi/L	Y	U	U	2014-3194	CAPA-14-56391	GELC
R-19 S3	1171.4	04/16/2013	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.79	0.882	2.99	—	pCi/L	Y	U	U	2013-735	CAPA-13-29670	GELC
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	46.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	45.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	47	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221784	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	46	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221789	GELC
R-19 S3	1171.4	01/12/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	43	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-715	CAPA-21-217337	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	43.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-672	CAPA-21-209103	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	43.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-672	CAPA-21-217377	GELC
R-19 S3	1171.4	04/14/2015	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	41.9	—	—	0.453	mg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	2.61	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.58	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.58	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221784	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.56	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221789	GELC
R-19 S3	1171.4	01/12/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.37	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-715	CAPA-21-217337	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.37	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-672	CAPA-21-209103	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.4	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-672	CAPA-21-217377	GELC
R-19 S3	1171.4	04/14/2015	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.2	—	—	0.11	mg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.39	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.49	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.45	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221784	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.42	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221789	GELC
R-19 S3	1171.4	01/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.39	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-715	CAPA-21-217337	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.63	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-672	CAPA-21-209103	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.52	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-672	CAPA-21-217377	GELC
R-19 S3	1171.4	04/14/2015	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.956	—	—	0.165	µg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.78	2.75	9.52	—	pCi/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.34	1.95	7.08	—	pCi/L	Y	U	U	N3B-2021-1224	CAPA-21-221785	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.35	2.19	6.81	—	pCi/L	Y	U	U	N3B-2021-1224	CAPA-21-221790	GELC
R-19 S3	1171.4	04/14/2015	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.216	3.59	11	—	pCi/L	Y	U	U	2015-1037	CAPA-15-93440	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 (ft)	Sample Date	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-19 S3	1171.4	04/10/2014	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.83	2.88	11.1	—	pCi/L	Y	U	U	2014-3194	CAPA-14-56391	GELC
R-19 S3	1171.4	04/16/2013	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.88	2.75	10.6	—	pCi/L	Y	U	U	2013-735	CAPA-13-29670	GELC
R-19 S3	1171.4	04/07/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.324	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC
R-19 S3	1171.4	09/29/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.333	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.324	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221784	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.325	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221789	GELC
R-19 S3	1171.4	01/12/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.303	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-715	CAPA-21-217337	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.304	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-672	CAPA-21-209103	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.305	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-672	CAPA-21-217377	GELC
R-19 S3	1171.4	04/14/2015	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.298	—	—	0.017	mg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/07/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.322	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC
R-19 S3	1171.4	09/29/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.326	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.299	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221784	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.323	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221789	GELC
R-19 S3	1171.4	01/12/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.303	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-715	CAPA-21-217337	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.308	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-672	CAPA-21-209103	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.299	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-672	CAPA-21-217377	GELC
R-19 S3	1171.4	04/14/2015	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.208	—	—	0.05	µg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00448	0.01	0.0805	—	pCi/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00199	0.00659	0.043	—	pCi/L	Y	U	U	N3B-2021-1224	CAPA-21-221785	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0082	0.0561	—	pCi/L	Y	U	U	N3B-2021-1224	CAPA-21-221790	GELC
R-19 S3	1171.4	04/14/2015	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00271	0.00631	0.0282	—	pCi/L	Y	U	U	2015-1037	CAPA-15-93440	GELC
R-19 S3	1171.4	04/10/2014	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00289	0.00766	0.0342	—	pCi/L	Y	U	U	2014-3194	CAPA-14-56391	GELC
R-19 S3	1171.4	04/16/2013	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00271	0.00469	0.0421	—	pCi/L	Y	U	U	2013-735	CAPA-13-29670	GELC
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00448	0.0173	0.121	—	pCi/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00596	0.00865	0.0446	—	pCi/L	Y	U	U	N3B-2021-1224	CAPA-21-221785	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00778	0.01	0.0583	—	pCi/L	Y	U	U	N3B-2021-1224	CAPA-21-221790	GELC
R-19 S3	1171.4	04/14/2015	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00445	0.00612	0.0428	—	pCi/L	Y	U	U	2015-1037	CAPA-15-93440	GELC
R-19 S3	1171.4	04/10/2014	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00289	0.0126	0.0512	—	pCi/L	Y	U	U	2014-3194	CAPA-14-56391	GELC
R-19 S3	1171.4	04/16/2013	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00812	0.00898	0.0411	—	pCi/L	Y	U	U	2013-735	CAPA-13-29670	GELC
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	0.943	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	0.912	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.01	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221784	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	0.978	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221789	GELC
R-19 S3	1171.4	01/12/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	0.856	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-715	CAPA-21-217337	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.01	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-672	CAPA-21-209103	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	0.97	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-672	CAPA-21-217377	GELC
R-19 S3	1171.4	04/14/2015	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.37	—	—	0.05	mg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	3.07	17	72.6	—	pCi/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	19.2	19.8	46.2	—	pCi/L	Y	U	U	N3B-2021-1224	CAPA-21-221785	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-24.9	15.5	59.2	—	pCi/L	Y	U	U	N3B-2021-1224	CAPA-21-221790	GELC
R-19 S3	1171.4	04/14/2015	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	20.6	24.1	65.1	—	pCi/L	Y	U	U	2015-1037	CAPA-15-93440	GELC
R-19 S3	1171.4	04/10/2014	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-11.6	16.2	66.2	—	pCi/L	Y	U	U	2014-3194	CAPA-14-56391	GELC
R-19 S3	1171.4	04/16/2013	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	10	22.3	86.4	—	pCi/L	Y	U	U	2013-735	CAPA-13-29670	GELC
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.248	0.139	0.436	—	pCi/L	Y	U	UJ	N3B-2022-1259	CAPA-22-248787	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	-0.0547	0.102	0.442	—	pCi/L	Y	U	U	N3B-2021-1224	CAPA-21-221785	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.293	0.107	0.301	—	pCi/L	Y	U	UJ	N3B-2021-1224	CAPA-21-221790	GELC
R-19 S3	1171.4	06/14/2004	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0942	0.105	0.374	—	pCi/L	Y	U	U	115069	GU0406G19R301	GELC
R-19 S3	1171.4	06/14/2004	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	Y	10.4	3.96	6.94	—	pCi/L	Y	—	R	115069	GU0406G19R301	GELC
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.852	0.257	—	—	pCi/L	Y	U	UJ	N3B-2022-1259	CAPA-22-248787	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.911	0.32	—	—	pCi/L	Y	—	UJ	N3B-2021-1224	CAPA-21-221785	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	1.14	0.321	—	—	pCi/L	Y	—	UJ	N3B-2021-1224	CAPA-21-221790	GELC
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.604	0.216	0.609	—	pCi/L	Y	U	UJ	N3B-2022-1259	CAPA-22-248787	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.911	0.303	0.927	—	pCi/L	Y	U	UJ	N3B-2021-1224	CAPA-21-221785	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 (ft)	Sample Date	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-19 S3	1171.4	04/08/2021	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.848	0.303	0.964	—	pCi/L	Y	U	UJ	N3B-2021-1224	CAPA-21-221790	GELC
R-19 S3	1171.4	06/14/2004	UF	INIT	REG	RAD	EPA:901.1	Radium-228	Ra-228	N	5.2	3.28	13.1	—	pCi/L	Y	U	U	115069	GU0406G19R301	GELC
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	71.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221784	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221789	GELC
R-19 S3	1171.4	01/12/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-715	CAPA-21-217337	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-672	CAPA-21-209103	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-672	CAPA-21-217377	GELC
R-19 S3	1171.4	04/14/2015	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.8	—	—	0.053	mg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	14	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221784	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	13.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221789	GELC
R-19 S3	1171.4	01/12/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-715	CAPA-21-217337	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-672	CAPA-21-209103	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	13.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-672	CAPA-21-217377	GELC
R-19 S3	1171.4	04/14/2015	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.3	—	—	0.1	mg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.06	1.38	5.6	—	pCi/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.928	1.08	4.68	—	pCi/L	Y	U	U	N3B-2021-1224	CAPA-21-221785	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.587	0.913	4.22	—	pCi/L	Y	U	U	N3B-2021-1224	CAPA-21-221790	GELC
R-19 S3	1171.4	04/14/2015	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-3.5	1.77	5.32	—	pCi/L	Y	U	U	2015-1037	CAPA-15-93440	GELC
R-19 S3	1171.4	04/10/2014	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.05	1.5	5.59	—	pCi/L	Y	U	U	2014-3194	CAPA-14-56391	GELC
R-19 S3	1171.4	04/16/2013	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.4	1.84	6.14	—	pCi/L	Y	U	U	2013-735	CAPA-13-29670	GELC
R-19 S3	1171.4	04/07/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	162	—	—	1	µScm	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC
R-19 S3	1171.4	09/29/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	153	—	—	1	µScm	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	156	—	—	1	µScm	Y	—	NQ	N3B-2021-1224	CAPA-21-221784	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	153	—	—	1	µScm	Y	—	NQ	N3B-2021-1224	CAPA-21-221789	GELC
R-19 S3	1171.4	01/12/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	142	—	—	1	µScm	Y	—	NQ	N3B-2021-715	CAPA-21-217337	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	151	—	—	1	µScm	Y	—	NQ	N3B-2021-672	CAPA-21-209103	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	151	—	—	1	µScm	Y	—	NQ	N3B-2021-672	CAPA-21-217377	GELC
R-19 S3	1171.4	04/14/2015	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	119	—	—	3.63	µScm	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	57.5	—	—	1	µg/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	56	—	—	1	µg/L	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	56.5	—	—	1	µg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221784	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	54.9	—	—	1	µg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221789	GELC
R-19 S3	1171.4	01/12/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	53.3	—	—	1	µg/L	Y	—	NQ	N3B-2021-715	CAPA-21-217337	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	54.6	—	—	1	µg/L	Y	—	NQ	N3B-2021-672	CAPA-21-209103	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	55.2	—	—	1	µg/L	Y	—	NQ	N3B-2021-672	CAPA-21-217377	GELC
R-19 S3	1171.4	04/14/2015	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	51.9	—	—	1	µg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.118	0.141	0.484	—	pCi/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0575	0.0683	0.242	—	pCi/L	Y	U	U	N3B-2021-1224	CAPA-21-221785	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.313	0.113	0.409	—	pCi/L	Y	U	U	N3B-2021-1224	CAPA-21-221790	GELC
R-19 S3	1171.4	04/14/2015	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0822	0.13	0.491	—	pCi/L	Y	U	U	2015-1037	CAPA-15-93440	GELC
R-19 S3	1171.4	04/10/2014	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0223	0.0784	0.268	—	pCi/L	Y	U	U	2014-3194	CAPA-14-56391	GELC
R-19 S3	1171.4	04/16/2013	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0634	0.129	0.473	—	pCi/L	Y	U	U	2013-735	CAPA-13-29670	GELC
R-19 S3	1171.4	04/07/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.13	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC
R-19 S3	1171.4	09/29/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.19	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.98	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221784	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.99	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221789	GELC
R-19 S3	1171.4	01/12/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.04	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-715	CAPA-21-217337	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.91	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-672	CAPA-21-209103	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.91	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-672	CAPA-21-217377	GELC
R-19 S3	1171.4	04/14/2015	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.57	—	—	0.133	mg/L	Y	—	NQ	2015-1037	CAPA-15-93477	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 (ft)	Sample Date	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-19 S3	1171.4	04/07/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	Y	—	J	N3B-2022-1259	CAPA-22-248786	GELC
R-19 S3	1171.4	09/29/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	114	—	—	3.4	mg/L	Y	—	J	N3B-2021-2743	CAPA-21-234462	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221784	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221789	GELC
R-19 S3	1171.4	01/12/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	—	J+	N3B-2021-715	CAPA-21-217337	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	124	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-672	CAPA-21-209103	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	124	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-672	CAPA-21-217377	GELC
R-19 S3	1171.4	04/14/2015	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	84.3	—	—	3.4	mg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/07/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.529	—	—	0.02	mg/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC
R-19 S3	1171.4	09/29/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0743	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0648	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221784	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0695	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221789	GELC
R-19 S3	1171.4	01/12/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0974	—	—	0.02	mg/L	Y	—	U	N3B-2021-715	CAPA-21-217337	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.149	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-672	CAPA-21-209103	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.131	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-672	CAPA-21-217377	GELC
R-19 S3	1171.4	04/14/2015	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0889	—	—	0.017	mg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.265	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248786	GELC
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.289	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2743	CAPA-21-234462	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.271	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221784	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.267	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221789	GELC
R-19 S3	1171.4	01/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.29	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-715	CAPA-21-217337	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.298	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-672	CAPA-21-209103	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.294	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-672	CAPA-21-217377	GELC
R-19 S3	1171.4	04/14/2015	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.276	—	—	0.067	µg/L	Y	—	NQ	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.255	0.0301	0.0473	—	pCi/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248787	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.21	0.0273	0.0687	—	pCi/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221785	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.273	0.0299	0.0692	—	pCi/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221790	GELC
R-19 S3	1171.4	04/14/2015	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.213	0.0231	0.0867	—	pCi/L	Y	—	NQ	2015-1037	CAPA-15-93440	GELC
R-19 S3	1171.4	04/10/2014	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.227	0.0271	0.0592	—	pCi/L	Y	—	J	2014-3194	CAPA-14-56391	GELC
R-19 S3	1171.4	04/16/2013	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.223	0.0286	0.0827	—	pCi/L	Y	—	NQ	2013-735	CAPA-13-29670	GELC
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00603	0.00604	0.0344	—	pCi/L	Y	U	U	N3B-2022-1259	CAPA-22-248787	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0169	0.0102	0.0678	—	pCi/L	Y	U	U	N3B-2021-1224	CAPA-21-221785	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00682	0.00682	0.0683	—	pCi/L	Y	U	U	N3B-2021-1224	CAPA-21-221790	GELC
R-19 S3	1171.4	04/14/2015	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0028	0.00741	0.0345	—	pCi/L	Y	U	U	2015-1037	CAPA-15-93440	GELC
R-19 S3	1171.4	04/10/2014	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00364	0.0131	0.0423	—	pCi/L	Y	U	U	2014-3194	CAPA-14-56391	GELC
R-19 S3	1171.4	04/16/2013	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0167	0.0102	0.0508	—	pCi/L	Y	U	U	2013-735	CAPA-13-29670	GELC
R-19 S3	1171.4	04/07/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0927	0.0165	0.0438	—	pCi/L	Y	—	NQ	N3B-2022-1259	CAPA-22-248787	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.101	0.0192	0.0692	—	pCi/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221785	GELC
R-19 S3	1171.4	04/08/2021	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0745	0.0193	0.0697	—	pCi/L	Y	—	NQ	N3B-2021-1224	CAPA-21-221790	GELC
R-19 S3	1171.4	04/14/2015	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0884	0.0165	0.0385	—	pCi/L	Y	—	NQ	2015-1037	CAPA-15-93440	GELC
R-19 S3	1171.4	04/10/2014	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.118	0.0195	0.0491	—	pCi/L	Y	—	J	2014-3194	CAPA-14-56391	GELC
R-19 S3	1171.4	04/16/2013	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.115	0.0213	0.0464	—	pCi/L	Y	—	NQ	2013-735	CAPA-13-29670	GELC
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	2.33	—	—	1	µg/L	Y	J	J	N3B-2022-1259	CAPA-22-248786	GELC
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.73	—	—	1	µg/L	Y	J	J	N3B-2021-2743	CAPA-21-234462	GELC
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6020B	Vanadium	V	N	11.5	—	—	3.3	µg/L	N	J	U	N3B-2021-2743	CAPA-21-234462	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.85	—	—	1	µg/L	Y	J	J	N3B-2021-1224	CAPA-21-221784	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	1.77	—	—	1	µg/L	Y	J	J	N3B-2021-1224	CAPA-21-221789	GELC
R-19 S3	1171.4	01/12/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.05	—	—	1	µg/L	Y	J	J	N3B-2021-715	CAPA-21-217337	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.79	—	—	1	µg/L	Y	J	J	N3B-2021-672	CAPA-21-209103	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	1.9	—	—	1	µg/L	Y	J	J	N3B-2021-672	CAPA-21-217377	GELC
R-19 S3	1171.4	04/14/2015	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.67	—	—	1	µg/L	Y	J	J	2015-1037	CAPA-15-93477	GELC
R-19 S3	1171.4	04/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	7.15	—	—	3.3	µg/L	Y	J	J	N3B-2022-1259	CAPA-22-248786	GELC
R-19 S3	1171.4	09/29/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	7.92	—	—	3.3	µg/L	Y	J	J	N3B-2021-2743	CAPA-21-234462	GELC
R-19 S3	1171.4	04/08/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2021-1224	CAPA-21-221784	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 (ft)	Sample Date	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-19 S3	1171.4	04/08/2021	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2021-1224	CAPA-21-221789	GELC
R-19 S3	1171.4	01/12/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2021-715	CAPA-21-217337	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.76	—	—	3.3	µg/L	Y	J	J	N3B-2021-672	CAPA-21-209103	GELC
R-19 S3	1171.4	12/18/2020	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	Y	5.48	—	—	3.3	µg/L	Y	J	J	N3B-2021-672	CAPA-21-217377	GELC
R-19 S3	1171.4	04/14/2015	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	6.37	—	—	3.3	µg/L	Y	J	J	2015-1037	CAPA-15-93477	GELC
R-2	906.4	06/30/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	2.48	—	—	1.74	µg/L	Y	J	J	N3B-2022-2111	CAPU-22-253061	GELC
R-2	906.4	08/31/2020	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2020-1650	CAPU-20-206458	GELC
R-2	906.4	08/31/2020	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2020-1650	CAPU-20-206461	GELC
R-2	906.4	09/20/2018	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2018-3931	CAPU-18-160787	GELC
R-2	906.4	05/31/2016	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	2016-1293	CAPU-16-116866	GELC
R-2	906.4	06/11/2015	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	UH	UJ	2015-1400	CAPA-15-97487	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	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	06/26/2019	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
R-2	906.4	09/20/2018	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.37	—	—	0.01	SU	Y	H	NQ	N3B-2018-3931	CAPU-18-160786	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	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	06/26/2019	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	09/20/2018	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-3931	CAPU-18-160786	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	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	06/26/2019	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	09/20/2018	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0101	0.00834	0.0405	—	pCi/L	Y	U	U	N3B-2018-3931	CAPU-18-160787	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	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	06/26/2019	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	09/20/2018	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.52	—	—	2	µg/L	Y	J	J	N3B-2018-3931	CAPU-18-160786	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	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	06/26/2019	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	09/20/2018	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	12.7	—	—	1	µg/L	Y	—	NQ	N3B-2018-3931	CAPU-18-160786	GELC
R-2	906.4	06/30/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	Y	0.84	—	—	0.3	µg/L	Y	J	J	N3B-2022-2108	CAPU-22-253061	GELC
R-2	906.4	08/31/2020	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	Y	0.33	—	—	0.3	µg/L	Y	J	J	N3B-2020-1650	CAPU-20-206461	GELC
R-2	906.4	08/31/2020	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	Y	0.425	—	—	0.297	µg/L	Y	J	J	N3B-2020-1650	CAPU-20-206458	GELC
R-2	906.4	09/20/2018	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.313	—	—	0.313	µg/L	Y	U	U	N3B-2018-3931	CAPU-18-160787	GELC
R-2	906.4	05/31/2016	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	5.15	—	—	1.55	µg/L	Y	U	U	2016-1293	CAPU-16-116866	GELC
R-2	906.4	06/11/2015	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	5.15	—	—	1.55	µg/L	Y	U	U	2015-1400	CAPA-15-97487	GELC
R-2	906.4	06/30/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	19.2	—	—	15	µg/L	Y	J	J	N3B-2022-2111	CAPU-22-253062	GELC
R-2	906.4	06/22/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	16.7	—	—	15	µg/L	Y	J	J	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 (ft)	Sample Date	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	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	16.7	—	—	15	µg/L	Y	J	J	N3B-2021-1920	CAPU-21-229579	GELC
R-2	906.4	08/31/2020	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	28.1	—	—	15	µg/L	Y	J	J	N3B-2020-1650	CAPU-20-206457	GELC
R-2	906.4	08/31/2020	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	30.6	—	—	15	µg/L	Y	J	J	N3B-2020-1650	CAPU-20-206460	GELC
R-2	906.4	06/26/2019	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	30.7	—	—	15	µg/L	Y	J	J	N3B-2019-2290	CAPU-19-181510	GELC
R-2	906.4	09/20/2018	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	34.2	—	—	15	µg/L	Y	J	J	N3B-2018-3931	CAPU-18-160786	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	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	06/26/2019	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	09/20/2018	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3931	CAPU-18-160786	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	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	06/26/2019	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	09/20/2018	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.762	1.33	4.12	—	pCi/L	Y	U	U	N3B-2018-3931	CAPU-18-160787	GELC
R-2	906.4	06/30/2022	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
R-2	906.4	06/22/2021	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	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	08/31/2020	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	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	06/26/2019	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	09/20/2018	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.19	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-3931	CAPU-18-160786	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	06/26/2019	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	09/20/2018	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.03	—	—	3	µg/L	Y	J	J	N3B-2018-3931	CAPU-18-160786	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	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	06/26/2019	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	09/20/2018	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.45	1.33	5.12	—	pCi/L	Y	U	U	N3B-2018-3931	CAPU-18-160787	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	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	06/26/2019	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	09/20/2018	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	Y	8.98	—	—	3	µg/L	Y	J	J	N3B-2018-3931	CAPU-18-160786	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	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	06/26/2019	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	09/20/2018	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.162	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-3931	CAPU-18-160786	GELC
R-2	906.4	06/30/2022	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

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 (ft)	Sample Date	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	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	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	08/31/2020	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	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	06/26/2019	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	09/20/2018	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.01	1.03	2.82	—	pCi/L	Y	—	NQ	N3B-2018-3931	CAPU-18-160787	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	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	06/26/2019	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	09/20/2018	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.38	0.504	1.75	—	pCi/L	Y	U	U	N3B-2018-3931	CAPU-18-160787	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	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	06/26/2019	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	09/20/2018	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	42.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-3931	CAPU-18-160786	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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
R-2	906.4	06/22/2021	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	08/31/2020	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	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	06/26/2019	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	09/20/2018	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.15	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-3931	CAPU-18-160786	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	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	06/26/2019	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	09/20/2018	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	6.65	—	—	2	µg/L	Y	J	J	N3B-2018-3931	CAPU-18-160786	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	06/26/2019	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	09/20/2018	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	2.37	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-3931	CAPU-18-160786	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	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	06/26/2019	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	09/20/2018	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.34	2.9	10.9	—	pCi/L	Y	U	U	N3B-2018-3931	CAPU-18-160787	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	06/26/2019	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	09/20/2018	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	0.724	—	—	0.6	µg/L	Y	J	J	N3B-2018-3931	CAPU-18-160786	GELC
R-2	906.4	06/30/2022	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

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 (ft)	Sample Date	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	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	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	08/31/2020	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	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	06/26/2019	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	09/20/2018	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.44	—	—	0.017	mg/L	Y	—	NQ	N3B-2018-3931	CAPU-18-160786	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	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	06/26/2019	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	09/20/2018	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.363	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-3931	CAPU-18-160786	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	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	06/26/2019	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	09/20/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00247	0.00653	0.0316	—	pCi/L	Y	U	U	N3B-2018-3931	CAPU-18-160787	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	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	06/26/2019	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	09/20/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0123	0.0089	0.0501	—	pCi/L	Y	U	U	N3B-2018-3931	CAPU-18-160787	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	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	06/26/2019	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	09/20/2018	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.07	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3931	CAPU-18-160786	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	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	06/26/2019	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	09/20/2018	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	27.8	21	84.5	—	pCi/L	Y	U	U	N3B-2018-3931	CAPU-18-160787	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	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	11/09/2005	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	08/09/2005	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	7.96	3.82	9.88	—	pCi/L	Y	U	U	142923	GU05080G02R01	GELC
R-2	906.4	06/30/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	06/22/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	UF	INIT	FD	RAD	Generic:Radium by Calculation	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	08/31/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	UF	INIT	FD	RAD	Generic:Radium by Calculation	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	06/30/2022	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

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 (ft)	Sample Date	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	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	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	08/31/2020	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	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	01/13/2004	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	12/11/2003	UF	INIT	REG	RAD	EPA:901.1	Radium-228	Ra-228	N	0	3.8	14	—	pCi/L	Y	UI	R	2003S	GW02-04-52938	GEL
R-2	906.4	06/30/2022	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	06/22/2021	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	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
R-2	906.4	08/31/2020	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	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	06/26/2019	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	09/20/2018	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	84.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-3931	CAPU-18-160786	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	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	06/26/2019	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	09/20/2018	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-3931	CAPU-18-160786	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	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	06/26/2019	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	09/20/2018	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	3.42	1.17	4.57	—	pCi/L	Y	U	U	N3B-2018-3931	CAPU-18-160787	GELC
R-2	906.4	06/30/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	142	—	—	1	µScm	Y	—	NQ	N3B-2022-2111	CAPU-22-253062	GELC
R-2	906.4	06/22/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	437	—	—	1	µScm	Y	—	NQ	N3B-2021-1920	CAPU-21-229577	GELC
R-2	906.4	06/22/2021	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	438	—	—	1	µScm	Y	—	NQ	N3B-2021-1920	CAPU-21-229579	GELC
R-2	906.4	08/31/2020	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	140	—	—	1	µScm	Y	—	NQ	N3B-2020-1650	CAPU-20-206460	GELC
R-2	906.4	08/31/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136	—	—	1	µScm	Y	—	NQ	N3B-2020-1650	CAPU-20-206457	GELC
R-2	906.4	06/26/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	259	—	—	1	µScm	Y	—	NQ	N3B-2019-2290	CAPU-19-181510	GELC
R-2	906.4	09/20/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	137	—	—	1	µScm	Y	—	NQ	N3B-2018-3931	CAPU-18-160786	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	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	06/26/2019	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	09/20/2018	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	54.7	—	—	1	µg/L	Y	—	NQ	N3B-2018-3931	CAPU-18-160786	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	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	06/26/2019	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	09/20/2018	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0551	0.133	0.48	—	pCi/L	Y	U	U	N3B-2018-3931	CAPU-18-160787	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	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	06/26/2019	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

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 (ft)	Sample Date	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	09/20/2018	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.55	—	—	0.133	mg/L	Y	—	J+	N3B-2018-3931	CAPU-18-160786	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	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	06/26/2019	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	09/20/2018	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	161	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-3931	CAPU-18-160786	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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
R-2	906.4	08/31/2020	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	06/26/2019	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	09/20/2018	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	2.7	—	—	0.33	mg/L	Y	—	NQ	N3B-2018-3931	CAPU-18-160787	GELC
R-2	906.4	06/30/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0434	—	—	0.02	mg/L	Y	J	J	N3B-2022-2111	CAPU-22-253062	GELC
R-2	906.4	06/22/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.102	—	—	0.02	mg/L	Y	—	U	N3B-2021-1920	CAPU-21-229577	GELC
R-2	906.4	06/22/2021	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0988	—	—	0.02	mg/L	Y	—	U	N3B-2021-1920	CAPU-21-229579	GELC
R-2	906.4	08/31/2020	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0515	—	—	0.02	mg/L	Y	—	U	N3B-2020-1650	CAPU-20-206460	GELC
R-2	906.4	08/31/2020	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.27	—	—	0.02	mg/L	Y	—	J+	N3B-2020-1650	CAPU-20-206457	GELC
R-2	906.4	06/26/2019	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0719	—	—	0.02	mg/L	Y	—	U	N3B-2019-2290	CAPU-19-181510	GELC
R-2	906.4	09/20/2018	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0486	—	—	0.02	mg/L	Y	J	U	N3B-2018-3931	CAPU-18-160786	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	06/26/2019	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	09/20/2018	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.26	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-3931	CAPU-18-160786	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	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	06/26/2019	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	09/20/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.703	0.0758	0.214	—	pCi/L	Y	—	NQ	N3B-2018-3931	CAPU-18-160787	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	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	06/26/2019	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	09/20/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0779	0.0297	0.204	—	pCi/L	Y	U	U	N3B-2018-3931	CAPU-18-160787	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	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	06/26/2019	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	09/20/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.282	0.0508	0.148	—	pCi/L	Y	—	NQ	N3B-2018-3931	CAPU-18-160787	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	8.33	—	—	1	µg/L	Y	—	NQ	N3B-2020-1650	CAPU-20-206460	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 (ft)	Sample Date	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	06/26/2019	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	09/20/2018	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.58	—	—	1	µg/L	Y	—	NQ	N3B-2018-3931	CAPU-18-160786	GELC
R-2	906.4	06/30/2022	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	06/22/2021	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	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	08/31/2020	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	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	06/26/2019	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	09/20/2018	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	10.2	—	—	3.3	µg/L	Y	—	U	N3B-2018-3931	CAPU-18-160786	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	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	06/25/2018	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-2018-2803	CAPU-18-94	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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	08/27/2020	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
R-24	825.0	06/14/2019	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	06/25/2018	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	108	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-2803	CAPU-18-94	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	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	06/25/2018	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0157	0.0111	0.0427	—	pCi/L	Y	U	U	N3B-2018-2803	CAPU-18-95	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	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	06/25/2018	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.58	—	—	2	µg/L	Y	J	J	N3B-2018-2803	CAPU-18-94	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	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	06/25/2018	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	45.6	—	—	1	µg/L	Y	—	NQ	N3B-2018-2803	CAPU-18-94	GELC
R-24	825.0	06/17/2022	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-2022-1759	CAPU-22-250844	GELC
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	Y	0.328	—	—	0.298	µg/L	Y	J	J	N3B-2022-1759	CAPU-22-250877	GELC
R-24	825.0	08/27/2020	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.293	—	—	0.293	µg/L	Y	U	U	N3B-2020-1626	CAPU-20-206463	GELC
R-24	825.0	06/25/2018	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.313	—	—	0.313	µg/L	Y	U	U	N3B-2018-2803	CAPU-18-95	GELC
R-24	825.0	06/06/2016	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.5	—	—	0.15	µg/L	Y	U	U	2016-1325	CAPU-16-116867	GELC
R-24	825.0	06/06/2016	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Benzo(g,h,i)perylene	191-24-2	N	0.105	—	—	0.0316	µg/L	Y	U	U	2016-1325	CAPU-16-116867	GELC
R-24	825.0	06/02/2015	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.515	—	—	0.155	µg/L	Y	U	U	2015-1335	CAPA-15-97475	GELC
R-24	825.0	06/02/2015	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.5	—	—	0.15	µg/L	Y	U	U	2015-1335	CAPA-15-97488	GELC
R-24	825.0	06/02/2015	UF	INIT	FD	SVOC	SW-846:8270DGCMS_SIM	Benzo(g,h,i)perylene	191-24-2	N	0.104	—	—	0.0313	µg/L	Y	U	U	2015-1335	CAPA-15-97475	GELC
R-24	825.0	06/02/2015	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Benzo(g,h,i)perylene	191-24-2	N	0.103	—	—	0.0309	µg/L	Y	U	U	2015-1335	CAPA-15-97488	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	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

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 (ft)	Sample Date	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	06/25/2018	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	47.6	—	—	15	µg/L	Y	J	J	N3B-2018-2803	CAPU-18-94	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	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	06/25/2018	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	20.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2803	CAPU-18-94	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	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	06/25/2018	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.691	1.46	5.59	—	pCi/L	Y	U	U	N3B-2018-2803	CAPU-18-95	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	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	06/25/2018	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	8.04	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-2803	CAPU-18-94	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	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	06/25/2018	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.59	1.63	6.88	—	pCi/L	Y	U	U	N3B-2018-2803	CAPU-18-95	GELC
R-24	825.0	06/17/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.3	—	—	0.3	µg/L	Y	U	U	N3B-2022-1759	CAPU-22-250844	GELC
R-24	825.0	06/17/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	Y	0.318	—	—	0.298	µg/L	Y	J	J	N3B-2022-1759	CAPU-22-250877	GELC
R-24	825.0	08/27/2020	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.293	—	—	0.293	µg/L	Y	U	U	N3B-2020-1626	CAPU-20-206463	GELC
R-24	825.0	06/25/2018	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.313	—	—	0.313	µg/L	Y	U	U	N3B-2018-2803	CAPU-18-95	GELC
R-24	825.0	06/06/2016	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.5	—	—	0.15	µg/L	Y	U	U	2016-1325	CAPU-16-116867	GELC
R-24	825.0	06/06/2016	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Dibenz(a,h)anthracene	53-70-3	N	0.105	—	—	0.0316	µg/L	Y	U	U	2016-1325	CAPU-16-116867	GELC
R-24	825.0	06/02/2015	UF	INIT	FD	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.515	—	—	0.155	µg/L	Y	U	U	2015-1335	CAPA-15-97475	GELC
R-24	825.0	06/02/2015	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.5	—	—	0.15	µg/L	Y	U	U	2015-1335	CAPA-15-97488	GELC
R-24	825.0	06/02/2015	UF	INIT	FD	SVOC	SW-846:8270DGCMS_SIM	Dibenz(a,h)anthracene	53-70-3	N	0.104	—	—	0.0313	µg/L	Y	U	U	2015-1335	CAPA-15-97475	GELC
R-24	825.0	06/02/2015	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Dibenz(a,h)anthracene	53-70-3	N	0.103	—	—	0.0309	µg/L	Y	U	U	2015-1335	CAPA-15-97488	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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
R-24	825.0	08/27/2020	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	06/14/2019	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	06/25/2018	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.325	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-2803	CAPU-18-94	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	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	06/25/2018	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.897	0.737	2.61	—	pCi/L	Y	U	U	N3B-2018-2803	CAPU-18-95	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	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	06/25/2018	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.9	1.03	2.83	—	pCi/L	Y	—	J	N3B-2018-2803	CAPU-18-95	GELC
R-24	825.0	06/17/2022	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	73.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	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 (ft)	Sample Date	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	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	06/25/2018	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	66.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-2803	CAPU-18-94	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	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	06/25/2018	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.49	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-2803	CAPU-18-94	GELC
R-24	825.0	06/17/2022	F	INIT	FD	Inorganic	SW-846:6010D	Manganese	Mn	Y	6.85	—	—	2	µg/L	Y	J	J	N3B-2022-1759	CAPU-22-250878	GELC
R-24	825.0	06/17/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	Y	6.67	—	—	2	µg/L	Y	J	J	N3B-2022-1759	CAPU-22-250845	GELC
R-24	825.0	06/11/2021	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	5.05	—	—	2	µg/L	Y	J	J	N3B-2021-1820	CAPU-21-229581	GELC
R-24	825.0	08/27/2020	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-1626	CAPU-20-206462	GELC
R-24	825.0	06/14/2019	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-2202	CAPU-19-181512	GELC
R-24	825.0	06/25/2018	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2018-2803	CAPU-18-94	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	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	06/25/2018	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.73	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-2803	CAPU-18-94	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	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	06/25/2018	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.898	3.46	11.3	—	pCi/L	Y	U	U	N3B-2018-2803	CAPU-18-95	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	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	06/25/2018	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	5.78	—	—	0.6	µg/L	Y	—	NQ	N3B-2018-2803	CAPU-18-94	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	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	06/25/2018	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.344	—	—	0.017	mg/L	Y	—	NQ	N3B-2018-2803	CAPU-18-94	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	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	06/25/2018	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.37	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-2803	CAPU-18-94	GELC
R-24	825.0	06/17/2022	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
R-24	825.0	06/17/2022	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	06/11/2021	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	08/27/2020	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	06/14/2019	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	06/25/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0249	0.0122	0.0335	—	pCi/L	Y	U	U	N3B-2018-2803	CAPU-18-95	GELC
R-24	825.0	06/17/2022	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

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 (ft)	Sample Date	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	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	06/25/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00904	0.00959	0.0429	—	pCi/L	Y	U	U	N3B-2018-2803	CAPU-18-95	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	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	06/25/2018	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.12	—	—	0.05	mg/L	Y	E	NQ	N3B-2018-2803	CAPU-18-94	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	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	06/25/2018	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-22.5	16.6	68.4	—	pCi/L	Y	U	U	N3B-2018-2803	CAPU-18-95	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	01/22/2008	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	06/17/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	UF	INIT	FD	RAD	Generic:Radium by Calculation	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	06/11/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	08/27/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	01/22/2008	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	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	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	06/25/2018	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	52.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-2803	CAPU-18-94	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	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	06/25/2018	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	22.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-2803	CAPU-18-94	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	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	06/25/2018	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.712	1.67	6.71	—	pCi/L	Y	U	U	N3B-2018-2803	CAPU-18-95	GELC
R-24	825.0	06/17/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	263	—	—	1	µScm	Y	—	NQ	N3B-2022-1759	CAPU-22-250845	GELC
R-24	825.0	06/17/2022	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	263	—	—	1	µScm	Y	—	NQ	N3B-2022-1759	CAPU-22-250878	GELC
R-24	825.0	06/11/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	241	—	—	1	µScm	Y	—	NQ	N3B-2021-1820	CAPU-21-229581	GELC
R-24	825.0	08/27/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	241	—	—	1	µScm	Y	—	NQ	N3B-2020-1626	CAPU-20-206462	GELC
R-24	825.0	06/14/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	240	—	—	1	µScm	Y	—	NQ	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 (ft)	Sample Date	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	06/25/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	246	—	—	1	µScm	Y	—	NQ	N3B-2018-2803	CAPU-18-94	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	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	06/25/2018	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	116	—	—	1	µg/L	Y	—	NQ	N3B-2018-2803	CAPU-18-94	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	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	06/25/2018	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.095	0.126	0.484	—	pCi/L	Y	U	U	N3B-2018-2803	CAPU-18-95	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	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	06/25/2018	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.47	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-2803	CAPU-18-94	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	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	06/25/2018	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	146	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-2803	CAPU-18-94	GELC
R-24	825.0	06/17/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0765	—	—	0.033	mg/L	Y	J	J+	N3B-2022-1759	CAPU-22-250844	GELC
R-24	825.0	06/17/2022	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.104	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-1759	CAPU-22-250877	GELC
R-24	825.0	06/11/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2021-1820	CAPU-21-229580	GELC
R-24	825.0	08/27/2020	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-1626	CAPU-20-206463	GELC
R-24	825.0	06/14/2019	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-2202	CAPU-19-181513	GELC
R-24	825.0	06/25/2018	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0736	—	—	0.033	mg/L	Y	J	J	N3B-2018-2803	CAPU-18-95	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	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	06/25/2018	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0282	—	—	0.02	mg/L	Y	J	J	N3B-2018-2803	CAPU-18-94	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	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	06/25/2018	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.35	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-2803	CAPU-18-94	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	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	06/25/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.879	0.0423	0.0744	—	pCi/L	Y	—	NQ	N3B-2018-2803	CAPU-18-95	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	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

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 (ft)	Sample Date	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	06/25/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0684	0.0151	0.0563	—	pCi/L	Y	—	NQ	N3B-2018-2803	CAPU-18-95	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	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	06/25/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.559	0.0342	0.0582	—	pCi/L	Y	—	NQ	N3B-2018-2803	CAPU-18-95	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	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	06/25/2018	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	15.7	—	—	1	µg/L	Y	—	NQ	N3B-2018-2803	CAPU-18-94	GELC
R-24	825.0	06/17/2022	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	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	06/11/2021	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	08/27/2020	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	06/14/2019	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	21	—	—	3.3	µg/L	Y	—	J+	N3B-2019-2202	CAPU-19-181512	GELC
R-24	825.0	06/25/2018	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	21.2	—	—	3.3	µg/L	Y	*	NQ	N3B-2018-2803	CAPU-18-94	GELC
R-3	974.5	06/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	2.72	—	—	1.74	µg/L	Y	J	J	N3B-2022-1882	CAPU-22-250848	GELC
R-3	974.5	06/22/2022	UF	INIT	FD	VOC	SW-846:8260D	Acetone	67-64-1	Y	2.9	—	—	1.74	µg/L	Y	J	J	N3B-2022-1882	CAPU-22-250880	GELC
R-3	974.5	09/08/2020	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2020-1720	CAPU-20-206467	GELC
R-3	974.5	06/21/2018	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2018-2780	CAPU-18-100	GELC
R-3	974.5	06/21/2018	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2018-2780	CAPU-18-98	GELC
R-3	974.5	06/06/2016	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	2016-1324	CAPU-16-116868	GELC
R-3	974.5	06/10/2015	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	UH	UJ	2015-1394	CAPA-15-97489	GELC
R-3	974.5	06/22/2022	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	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	06/17/2021	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	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	09/08/2020	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	06/17/2019	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	06/21/2018	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.39	—	—	0.01	SU	Y	H	NQ	N3B-2018-2780	CAPU-18-97	GELC
R-3	974.5	06/21/2018	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.35	—	—	0.01	SU	Y	H	NQ	N3B-2018-2780	CAPU-18-99	GELC
R-3	974.5	06/22/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	4	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250849	GELC
R-3	974.5	06/22/2022	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	4.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1882	CAPU-22-250881	GELC
R-3	974.5	06/17/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	4.75	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229583	GELC
R-3	974.5	06/17/2021	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	5.15	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-1870	CAPU-21-229585	GELC
R-3	974.5	09/08/2020	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	3.91	—	—	1.45	mg/L	Y	J	J	N3B-2020-1720	CAPU-20-206466	GELC
R-3	974.5	06/17/2019	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.99	—	—	1.45	mg/L	Y	J	J	N3B-2019-2212	CAPU-19-181514	GELC
R-3	974.5	06/21/2018	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	2.4	—	—	1.45	mg/L	Y	J	J	N3B-2018-2780	CAPU-18-97	GELC
R-3	974.5	06/21/2018	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	2.4	—	—	1.45	mg/L	Y	J	J	N3B-2018-2780	CAPU-18-99	GELC
R-3	974.5	06/22/2022	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	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	06/17/2021	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	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	09/08/2020	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	06/17/2019	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	06/21/2018	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	87.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-97	GELC
R-3	974.5	06/21/2018	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-99	GELC
R-3	974.5	06/22/2022	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	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	06/17/2021	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	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

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 (ft)	Sample Date	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	09/08/2020	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	06/17/2019	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	06/21/2018	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00464	0.00804	0.0379	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-100	GELC
R-3	974.5	06/21/2018	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00871	0.00649	0.0474	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-98	GELC
R-3	974.5	06/22/2022	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	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	06/17/2021	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	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	09/08/2020	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	06/17/2019	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	06/21/2018	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.57	—	—	2	µg/L	Y	J	J	N3B-2018-2780	CAPU-18-97	GELC
R-3	974.5	06/21/2018	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	Y	3.59	—	—	2	µg/L	Y	J	J	N3B-2018-2780	CAPU-18-99	GELC
R-3	974.5	06/22/2022	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	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	06/17/2021	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	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	09/08/2020	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	06/17/2019	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	06/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	46.7	—	—	1	µg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-97	GELC
R-3	974.5	06/21/2018	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	44.1	—	—	1	µg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-99	GELC
R-3	974.5	06/22/2022	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	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	06/17/2021	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	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	09/08/2020	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	06/17/2019	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	06/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	19.2	—	—	15	µg/L	Y	J	J	N3B-2018-2780	CAPU-18-97	GELC
R-3	974.5	06/21/2018	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	18	—	—	15	µg/L	Y	J	J	N3B-2018-2780	CAPU-18-99	GELC
R-3	974.5	06/22/2022	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	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	06/17/2021	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	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	09/08/2020	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	06/17/2019	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	06/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-97	GELC
R-3	974.5	06/21/2018	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-99	GELC
R-3	974.5	06/22/2022	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	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	06/17/2021	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	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	09/08/2020	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	06/17/2019	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	06/21/2018	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.154	1.07	3.95	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-100	GELC
R-3	974.5	06/21/2018	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.09	1.21	4.66	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-98	GELC
R-3	974.5	06/22/2022	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	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	06/17/2021	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	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	09/08/2020	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	06/17/2019	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	06/21/2018	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.11	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-97	GELC
R-3	974.5	06/21/2018	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.1	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-99	GELC
R-3	974.5	06/22/2022	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	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

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 (ft)	Sample Date	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	06/17/2021	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	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	09/08/2020	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	06/17/2019	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	06/21/2018	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.569	1.34	5.09	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-100	GELC
R-3	974.5	06/21/2018	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0631	1.3	5.05	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-98	GELC
R-3	974.5	06/22/2022	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	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	06/17/2021	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	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	09/08/2020	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	06/17/2019	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	06/21/2018	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.263	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-97	GELC
R-3	974.5	06/21/2018	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.266	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-99	GELC
R-3	974.5	06/22/2022	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	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	06/17/2021	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	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	09/08/2020	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	06/17/2019	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	06/21/2018	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.22	0.877	2.96	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-100	GELC
R-3	974.5	06/21/2018	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.699	0.809	2.99	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-98	GELC
R-3	974.5	06/22/2022	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	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	06/17/2021	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	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	09/08/2020	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	06/17/2019	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	06/21/2018	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	0.757	0.605	2.05	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-100	GELC
R-3	974.5	06/21/2018	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.02	0.67	1.91	—	pCi/L	Y	—	NQ	N3B-2018-2780	CAPU-18-98	GELC
R-3	974.5	06/22/2022	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	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	06/17/2021	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	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	09/08/2020	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	06/17/2019	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	06/21/2018	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	64.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-97	GELC
R-3	974.5	06/21/2018	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	63.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-99	GELC
R-3	974.5	06/22/2022	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	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	06/17/2021	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	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	09/08/2020	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	06/17/2019	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	06/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.49	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-97	GELC
R-3	974.5	06/21/2018	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.32	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-99	GELC
R-3	974.5	06/22/2022	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
R-3	974.5	06/22/2022	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	06/17/2021	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	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	09/08/2020	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	06/17/2019	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	06/21/2018	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.23	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-97	GELC
R-3	974.5	06/21/2018	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.11	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-99	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 (ft)	Sample Date	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	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	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	06/17/2021	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	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	09/08/2020	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	06/17/2019	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	06/21/2018	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.87	2.17	7.76	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-100	GELC
R-3	974.5	06/21/2018	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.519	2.28	8.54	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-98	GELC
R-3	974.5	06/22/2022	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	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	06/17/2021	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	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	09/08/2020	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	06/17/2019	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	06/21/2018	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.539	—	—	0.017	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-97	GELC
R-3	974.5	06/21/2018	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.536	—	—	0.017	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-99	GELC
R-3	974.5	06/22/2022	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	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	06/17/2021	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	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	09/08/2020	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	06/17/2019	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	06/21/2018	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.526	—	—	0.05	µg/L	Y	—	J-	N3B-2018-2780	CAPU-18-97	GELC
R-3	974.5	06/21/2018	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.537	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-99	GELC
R-3	974.5	06/22/2022	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	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	06/17/2021	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	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	09/08/2020	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	06/17/2019	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	06/21/2018	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.025	0.0144	0.0412	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-100	GELC
R-3	974.5	06/21/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00474	0.0075	0.0352	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-98	GELC
R-3	974.5	06/22/2022	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	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	06/17/2021	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	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	09/08/2020	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	06/17/2019	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	06/21/2018	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00278	0.00921	0.0528	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-100	GELC
R-3	974.5	06/21/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00949	0.00887	0.0451	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-98	GELC
R-3	974.5	06/22/2022	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	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	06/17/2021	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	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	09/08/2020	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	06/17/2019	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	06/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.32	—	—	0.05	mg/L	Y	—	J+	N3B-2018-2780	CAPU-18-97	GELC
R-3	974.5	06/21/2018	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.32	—	—	0.05	mg/L	Y	—	J+	N3B-2018-2780	CAPU-18-99	GELC
R-3	974.5	06/22/2022	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	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	06/17/2021	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	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	09/08/2020	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	06/17/2019	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

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 (ft)	Sample Date	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	06/21/2018	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-18.9	15.3	57.5	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-98	GELC
R-3	974.5	06/21/2018	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-16.4	14.2	57	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-100	GELC
R-3	974.5	06/22/2022	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	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	06/17/2021	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	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	09/08/2020	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	06/22/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	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
R-3	974.5	06/22/2022	UF	INIT	FD	RAD	Generic:Radium by Calculation	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	06/17/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	UF	INIT	FD	RAD	Generic:Radium by Calculation	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	09/08/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	06/22/2022	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	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	06/17/2021	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	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	09/08/2020	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	06/22/2022	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	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	06/17/2021	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	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	09/08/2020	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	06/17/2019	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	06/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-97	GELC
R-3	974.5	06/21/2018	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-99	GELC
R-3	974.5	06/22/2022	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	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	06/17/2021	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	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	09/08/2020	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	06/17/2019	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	06/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-97	GELC
R-3	974.5	06/21/2018	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-99	GELC
R-3	974.5	06/22/2022	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	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	06/17/2021	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	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	09/08/2020	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	06/17/2019	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	06/21/2018	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0359	1.07	4.25	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-98	GELC
R-3	974.5	06/21/2018	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	1.08	0.928	4.09	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-100	GELC
R-3	974.5	06/22/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	181	—	—	1	µScm	Y	—	NQ	N3B-2022-1882	CAPU-22-250849	GELC
R-3	974.5	06/22/2022	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	179	—	—	1	µScm	Y	—	NQ	N3B-2022-1882	CAPU-22-250881	GELC
R-3	974.5	06/17/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	191	—	—	1	µScm	Y	—	NQ	N3B-2021-1870	CAPU-21-229583	GELC
R-3	974.5	06/17/2021	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	189	—	—	1	µScm	Y	—	NQ	N3B-2021-1870	CAPU-21-229585	GELC
R-3	974.5	09/08/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	180	—	—	1	µScm	Y	—	NQ	N3B-2020-1720	CAPU-20-206466	GELC
R-3	974.5	06/17/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	185	—	—	1	µScm	Y	—	NQ	N3B-2019-2212	CAPU-19-181514	GELC
R-3	974.5	06/21/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	181	—	—	1	µScm	Y	—	NQ	N3B-2018-2780	CAPU-18-97	GELC
R-3	974.5	06/21/2018	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	182	—	—	1	µScm	Y	—	NQ	N3B-2018-2780	CAPU-18-99	GELC
R-3	974.5	06/22/2022	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	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	06/17/2021	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	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	09/08/2020	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	116	—	—	1	µg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206466	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 (ft)	Sample Date	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	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	06/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	109	—	—	1	µg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-97	GELC
R-3	974.5	06/21/2018	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	106	—	—	1	µg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-99	GELC
R-3	974.5	06/22/2022	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	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	06/17/2021	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	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	09/08/2020	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	06/17/2019	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	06/21/2018	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.178	0.129	0.493	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-98	GELC
R-3	974.5	06/21/2018	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0182	0.129	0.474	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-100	GELC
R-3	974.5	06/22/2022	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	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	06/17/2021	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	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	09/08/2020	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	06/17/2019	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	06/21/2018	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.07	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-97	GELC
R-3	974.5	06/21/2018	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.06	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-99	GELC
R-3	974.5	06/22/2022	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	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	06/17/2021	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	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
R-3	974.5	09/08/2020	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	06/17/2019	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	06/21/2018	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	156	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-97	GELC
R-3	974.5	06/21/2018	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-99	GELC
R-3	974.5	06/22/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2022-1882	CAPU-22-250848	GELC
R-3	974.5	06/22/2022	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0405	—	—	0.033	mg/L	Y	J	J	N3B-2022-1882	CAPU-22-250880	GELC
R-3	974.5	06/17/2021	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2021-1870	CAPU-21-230394	GELC
R-3	974.5	06/17/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2021-1870	CAPU-21-229582	GELC
R-3	974.5	09/08/2020	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-1720	CAPU-20-206467	GELC
R-3	974.5	06/17/2019	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-2212	CAPU-19-181515	GELC
R-3	974.5	06/21/2018	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.043	—	—	0.033	mg/L	Y	J	J	N3B-2018-2780	CAPU-18-100	GELC
R-3	974.5	06/21/2018	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2018-2780	CAPU-18-98	GELC
R-3	974.5	06/22/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0259	—	—	0.02	mg/L	Y	J	J	N3B-2022-1882	CAPU-22-250849	GELC
R-3	974.5	06/22/2022	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-2022-1882	CAPU-22-250881	GELC
R-3	974.5	06/17/2021	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-2021-1870	CAPU-21-229583	GELC
R-3	974.5	06/17/2021	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.025	—	—	0.02	mg/L	Y	J	U	N3B-2021-1870	CAPU-21-229585	GELC
R-3	974.5	09/08/2020	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0552	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206466	GELC
R-3	974.5	06/17/2019	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-2019-2212	CAPU-19-181514	GELC
R-3	974.5	06/21/2018	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0298	—	—	0.02	mg/L	Y	J	U	N3B-2018-2780	CAPU-18-97	GELC
R-3	974.5	06/21/2018	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0307	—	—	0.02	mg/L	Y	J	U	N3B-2018-2780	CAPU-18-99	GELC
R-3	974.5	06/22/2022	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	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	06/17/2021	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	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	09/08/2020	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	06/17/2019	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	06/21/2018	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.847	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-97	GELC
R-3	974.5	06/21/2018	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	0.82	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-99	GELC
R-3	974.5	06/22/2022	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	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	06/17/2021	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

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 (ft)	Sample Date	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	06/17/2021	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	09/08/2020	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	06/17/2019	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	06/21/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.571	0.0456	0.128	—	pCi/L	Y	—	NQ	N3B-2018-2780	CAPU-18-98	GELC
R-3	974.5	06/21/2018	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.59	0.0428	0.11	—	pCi/L	Y	—	NQ	N3B-2018-2780	CAPU-18-100	GELC
R-3	974.5	06/22/2022	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	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	06/17/2021	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	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	09/08/2020	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	06/17/2019	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	06/21/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0545	0.0162	0.0966	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-98	GELC
R-3	974.5	06/21/2018	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.018	0.0108	0.0832	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-100	GELC
R-3	974.5	06/22/2022	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	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	06/17/2021	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	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	09/08/2020	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	06/17/2019	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	06/21/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.332	0.0352	0.0998	—	pCi/L	Y	—	NQ	N3B-2018-2780	CAPU-18-98	GELC
R-3	974.5	06/21/2018	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.251	0.0277	0.086	—	pCi/L	Y	—	NQ	N3B-2018-2780	CAPU-18-100	GELC
R-3	974.5	06/22/2022	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	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	06/17/2021	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	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	09/08/2020	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	06/17/2019	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	06/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.8	—	—	1	µg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-97	GELC
R-3	974.5	06/21/2018	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	12.3	—	—	1	µg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-99	GELC
R-3	974.5	06/22/2022	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	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	06/17/2021	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	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	09/08/2020	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	06/17/2019	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	06/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	5.86	—	—	3.3	µg/L	Y	J	J	N3B-2018-2780	CAPU-18-97	GELC
R-3	974.5	06/21/2018	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.18	—	—	3.3	µg/L	Y	J	J	N3B-2018-2780	CAPU-18-99	GELC
R-31 S3	666.3	02/08/2022	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	09/20/2021	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	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	06/02/2021	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	02/19/2021	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	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	12/16/2020	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.64	—	—	0.01	SU	Y	H	NQ	N3B-2021-635	CAAN-21-211085	GELC
R-31 S3	666.3	05/21/2007	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.63	—	—	0.01	SU	Y	H	J	186556	GF07050G31R301	GELC
R-31 S3	666.3	02/08/2022	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	09/20/2021	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	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	06/02/2021	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	02/19/2021	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
R-31 S3	666.3	02/19/2021	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	12/16/2020	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-635	CAAN-21-211085	GELC
R-31 S3	666.3	05/21/2007	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	95.2	—	—	0.725	mg/L	Y	—	NQ	186556	GF07050G31R301	GELC
R-31 S3	666.3	02/08/2022	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

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 (ft)	Sample Date	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	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	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	11/30/2006	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	08/19/2005	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	12/16/2000	UF	INIT	REG	RAD	Generic:Gamma Spec.	Americium-241	Am-241	N	2	5.5	9	—	pCi/L	Y	U	U	8171R	GW31-00-0005	PARA
R-31 S3	666.3	12/16/2000	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0085	0.043	—	pCi/L	Y	U	U	8171R	GW31-00-0005	PARA
R-31 S3	666.3	02/08/2022	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	09/20/2021	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	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	06/02/2021	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	02/19/2021	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	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	12/16/2020	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.134	—	—	0.017	mg/L	Y	—	U	N3B-2021-635	CAAN-21-211085	GELC
R-31 S3	666.3	02/08/2022	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	09/20/2021	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	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	06/02/2021	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	02/19/2021	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	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	12/16/2020	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	49.5	—	—	1	µg/L	Y	—	NQ	N3B-2021-635	CAAN-21-211085	GELC
R-31 S3	666.3	05/21/2007	F	INIT	REG	Inorganic	SW-846:6010B	Barium	Ba	Y	62.5	—	—	1	µg/L	Y	—	NQ	186556	GF07050G31R301	GELC
R-31 S3	666.3	02/08/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	15.9	—	—	15	µg/L	Y	J	J	N3B-2022-904	CAAN-22-239734	GELC
R-31 S3	666.3	09/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234438	GELC
R-31 S3	666.3	09/20/2021	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2021-2677	CAAN-21-234440	GELC
R-31 S3	666.3	06/02/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.9	—	—	15	µg/L	Y	J	J	N3B-2021-1720	CAAN-21-229065	GELC
R-31 S3	666.3	02/19/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2021-894	CAAN-21-218084	GELC
R-31 S3	666.3	02/19/2021	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2021-894	CAAN-21-218086	GELC
R-31 S3	666.3	12/16/2020	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2021-635	CAAN-21-211085	GELC
R-31 S3	666.3	02/08/2022	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	09/20/2021	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	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	06/02/2021	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	02/19/2021	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	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	12/16/2020	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	9.74	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-635	CAAN-21-211085	GELC
R-31 S3	666.3	05/21/2007	F	INIT	REG	Inorganic	SW-846:6010B	Calcium	Ca	Y	11.2	—	—	0.036	mg/L	Y	—	NQ	186556	GF07050G31R301	GELC
R-31 S3	666.3	02/08/2022	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	02/19/2021	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	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	11/30/2006	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	08/19/2005	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	12/16/2000	UF	INIT	REG	RAD	Generic:Gamma Spec.	Cesium-137	Cs-137	N	-0.7	0.75	1.2	—	pCi/L	Y	U	U	8171R	GW31-00-0005	PARA
R-31 S3	666.3	02/08/2022	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	09/20/2021	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	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	06/02/2021	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	02/19/2021	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	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	12/16/2020	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	N	1.86	—	—	0.067	mg/L	Y	—	U	N3B-2021-635	CAAN-21-211085	GELC
R-31 S3	666.3	05/21/2007	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.27	—	—	0.066	mg/L	Y	—	NQ	186556	GF07050G31R301	GELC
R-31 S3	666.3	02/08/2022	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	02/19/2021	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	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	11/30/2006	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

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 (ft)	Sample Date	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	08/19/2005	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	12/16/2000	UF	INIT	REG	RAD	Generic:Gamma Spec.	Cobalt-60	Co-60	N	-0.5	0.75	1.2	—	pCi/L	Y	U	U	8171R	GW31-00-0005	PARA
R-31 S3	666.3	02/08/2022	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	09/20/2021	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	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	06/02/2021	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	02/19/2021	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	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	12/16/2020	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.501	—	—	0.033	mg/L	Y	—	J-	N3B-2021-635	CAAN-21-211085	GELC
R-31 S3	666.3	05/21/2007	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.329	—	—	0.033	mg/L	Y	—	NQ	186556	GF07050G31R301	GELC
R-31 S3	666.3	02/08/2022	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	02/19/2021	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	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	11/30/2006	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	08/19/2005	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	02/08/2022	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	02/19/2021	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	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	11/30/2006	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	08/19/2005	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	02/08/2022	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	09/20/2021	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	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	06/02/2021	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	02/19/2021	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	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	12/16/2020	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	35	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-635	CAAN-21-211085	GELC
R-31 S3	666.3	05/21/2007	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	42.1	—	—	0.44	mg/L	Y	—	NQ	186556	GF07050G31R301	GELC
R-31 S3	666.3	02/08/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	Y	761	—	—	30	µg/L	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC
R-31 S3	666.3	09/20/2021	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	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	06/02/2021	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	02/19/2021	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	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	12/16/2020	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	772	—	—	30	µg/L	Y	—	NQ	N3B-2021-635	CAAN-21-211085	GELC
R-31 S3	666.3	05/21/2007	F	INIT	REG	Inorganic	SW-846:6010B	Iron	Fe	Y	2220	—	—	18	µg/L	Y	—	NQ	186556	GF07050G31R301	GELC
R-31 S3	666.3	02/08/2022	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	09/20/2021	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	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	06/02/2021	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	02/19/2021	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	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	12/16/2020	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.6	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-635	CAAN-21-211085	GELC
R-31 S3	666.3	05/21/2007	F	INIT	REG	Inorganic	SW-846:6010B	Magnesium	Mg	Y	3.43	—	—	0.085	mg/L	Y	—	NQ	186556	GF07050G31R301	GELC
R-31 S3	666.3	02/08/2022	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	09/20/2021	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	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	06/02/2021	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	02/19/2021	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	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	12/16/2020	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	102	—	—	2	µg/L	Y	—	NQ	N3B-2021-635	CAAN-21-211085	GELC
R-31 S3	666.3	05/21/2007	F	INIT	REG	Inorganic	SW-846:6010B	Manganese	Mn	Y	257	—	—	2	µg/L	Y	—	NQ	186556	GF07050G31R301	GELC
R-31 S3	666.3	02/08/2022	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	09/20/2021	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

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 (ft)	Sample Date	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	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	06/02/2021	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	02/19/2021	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	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	12/16/2020	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.24	—	—	0.2	µg/L	Y	—	J+	N3B-2021-635	CAAN-21-211085	GELC
R-31 S3	666.3	05/21/2007	F	INIT	REG	Inorganic	SW-846:6010B	Molybdenum	Mo	Y	2.8	—	—	2	µg/L	Y	J	J	186556	GF07050G31R301	GELC
R-31 S3	666.3	02/08/2022	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	02/19/2021	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	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	11/30/2006	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	08/19/2005	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	12/16/2000	UF	INIT	REG	RAD	Generic:Gamma Spec.	Neptunium-237	Np-237	N	1	6.5	11	—	pCi/L	Y	U	U	8171R	GW31-00-0005	PARA
R-31 S3	666.3	02/08/2022	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	09/20/2021	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	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	06/02/2021	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	02/19/2021	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	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	12/16/2020	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.34	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-635	CAAN-21-211085	GELC
R-31 S3	666.3	05/21/2007	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	2.2	—	—	0.5	µg/L	Y	—	NQ	186556	GF07050G31R301	GELC
R-31 S3	666.3	02/08/2022	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	09/20/2021	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	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	06/02/2021	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	02/19/2021	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	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	12/16/2020	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.417	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-635	CAAN-21-211085	GELC
R-31 S3	666.3	05/21/2007	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.032	—	—	0.01	mg/L	Y	J	JN-	186556	GF07050G31R301	GELC
R-31 S3	666.3	02/08/2022	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	09/20/2021	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	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	06/02/2021	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	02/19/2021	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	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
R-31 S3	666.3	12/16/2020	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.255	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-635	CAAN-21-211085	GELC
R-31 S3	666.3	05/21/2007	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.255	—	—	0.05	µg/L	Y	—	J-	186556	GF07050G31R301	GELC
R-31 S3	666.3	05/21/2007	F	INIT	REG	General Chemistry	EPA:314.0	Perchlorate	ClO4	N	4	—	—	4	µg/L	Y	U	U	186556	GF07050G31R301	GELC
R-31 S3	666.3	02/08/2022	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	02/19/2021	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	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	11/30/2006	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	08/19/2005	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	12/16/2000	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.002	0.008	0.038	—	pCi/L	Y	U	U	8171R	GW31-00-0005	PARA
R-31 S3	666.3	02/08/2022	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	02/19/2021	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	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	11/30/2006	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	08/19/2005	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	12/16/2000	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.01	0.01	0.032	—	pCi/L	Y	U	U	8171R	GW31-00-0005	PARA
R-31 S3	666.3	02/08/2022	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	09/20/2021	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	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	06/02/2021	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	02/19/2021	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

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 (ft)	Sample Date	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	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	12/16/2020	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.82	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-635	CAAN-21-211085	GELC
R-31 S3	666.3	05/21/2007	F	INIT	REG	Inorganic	SW-846:6010B	Potassium	K	Y	1.6	—	—	0.05	mg/L	Y	—	NQ	186556	GF07050G31R301	GELC
R-31 S3	666.3	02/08/2022	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	02/19/2021	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	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	11/30/2006	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	08/19/2005	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	12/16/2000	UF	INIT	REG	RAD	Generic:Gamma Spec.	Potassium-40	K-40	N	123	29	23	—	pCi/L	Y	TI	UJ	8171R	GW31-00-0005	PARA
R-31 S3	666.3	02/08/2022	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	02/19/2021	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	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	12/16/2000	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	02/08/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	02/19/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	UF	INIT	FD	RAD	Generic:Radium by Calculation	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	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	02/19/2021	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	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	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	09/20/2021	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	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	06/02/2021	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	02/19/2021	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	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	12/16/2020	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-635	CAAN-21-211085	GELC
R-31 S3	666.3	05/21/2007	F	INIT	REG	Inorganic	SW-846:6010B	Silicon Dioxide	SiO2	Y	60.4	—	—	0.032	mg/L	Y	—	NQ	186556	GF07050G31R301	GELC
R-31 S3	666.3	02/08/2022	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	09/20/2021	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	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	06/02/2021	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	02/19/2021	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
R-31 S3	666.3	02/19/2021	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	12/16/2020	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-635	CAAN-21-211085	GELC
R-31 S3	666.3	05/21/2007	F	INIT	REG	Inorganic	SW-846:6010B	Sodium	Na	Y	18.1	—	—	0.045	mg/L	Y	—	NQ	186556	GF07050G31R301	GELC
R-31 S3	666.3	02/08/2022	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	02/19/2021	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	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	11/30/2006	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	08/19/2005	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	12/16/2000	UF	INIT	REG	RAD	Generic:Gamma Spec.	Sodium-22	Na-22	N	0.5	0.7	1.1	—	pCi/L	Y	U	U	8171R	GW31-00-0005	PARA
R-31 S3	666.3	02/08/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	118	—	—	1	µScm	Y	—	NQ	N3B-2022-904	CAAN-22-239734	GELC
R-31 S3	666.3	09/20/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	119	—	—	1	µScm	Y	—	NQ	N3B-2021-2677	CAAN-21-234438	GELC
R-31 S3	666.3	09/20/2021	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	118	—	—	1	µScm	Y	—	NQ	N3B-2021-2677	CAAN-21-234440	GELC
R-31 S3	666.3	06/02/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132	—	—	1	µScm	Y	—	NQ	N3B-2021-1720	CAAN-21-229065	GELC
R-31 S3	666.3	02/19/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	128	—	—	1	µScm	Y	—	NQ	N3B-2021-894	CAAN-21-218084	GELC
R-31 S3	666.3	02/19/2021	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	128	—	—	1	µScm	Y	—	NQ	N3B-2021-894	CAAN-21-218086	GELC
R-31 S3	666.3	12/16/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	125	—	—	1	µScm	Y	—	NQ	N3B-2021-635	CAAN-21-211085	GELC
R-31 S3	666.3	05/21/2007	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	172	—	—	1	µScm	Y	—	NQ	186556	GF07050G31R301	GELC
R-31 S3	666.3	02/08/2022	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	09/20/2021	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	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	06/02/2021	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	02/19/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	48.6	—	—	1	µg/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 (ft)	Sample Date	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	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	12/16/2020	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	46.1	—	—	1	µg/L	Y	—	NQ	N3B-2021-635	CAAN-21-211085	GELC
R-31 S3	666.3	05/21/2007	F	INIT	REG	Inorganic	SW-846:6010B	Strontium	Sr	Y	71.3	—	—	1	µg/L	Y	—	NQ	186556	GF07050G31R301	GELC
R-31 S3	666.3	02/08/2022	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	02/19/2021	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	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	11/30/2006	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	08/19/2005	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	12/16/2000	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.02	0.17	0.59	—	pCi/L	Y	—	U	8171R	GW31-00-0005	PARA
R-31 S3	666.3	02/08/2022	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	09/20/2021	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	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	06/02/2021	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	02/19/2021	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	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	12/16/2020	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.07	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-635	CAAN-21-211085	GELC
R-31 S3	666.3	05/21/2007	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.68	—	—	0.1	mg/L	Y	—	NQ	186556	GF07050G31R301	GELC
R-31 S3	666.3	02/08/2022	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	09/20/2021	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	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	06/02/2021	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	02/19/2021	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	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	12/16/2020	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	111	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-635	CAAN-21-211085	GELC
R-31 S3	666.3	05/21/2007	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	170	—	—	2.38	mg/L	Y	—	NQ	186556	GF07050G31R301	GELC
R-31 S3	666.3	02/08/2022	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	09/20/2021	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	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	06/02/2021	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
R-31 S3	666.3	02/19/2021	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	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	12/16/2020	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0865	—	—	0.033	mg/L	Y	J	J	N3B-2021-635	CAAN-21-211086	GELC
R-31 S3	666.3	09/20/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.405	—	—	0.33	mg/L	Y	J	J	N3B-2021-2677	CAAN-21-234437	GELC
R-31 S3	666.3	09/20/2021	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2021-2677	CAAN-21-234439	GELC
R-31 S3	666.3	06/02/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2021-1720	CAAN-21-229060	GELC
R-31 S3	666.3	02/19/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2021-894	CAAN-21-218085	GELC
R-31 S3	666.3	02/19/2021	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2021-894	CAAN-21-218087	GELC
R-31 S3	666.3	12/16/2020	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2021-635	CAAN-21-211086	GELC
R-31 S3	666.3	05/21/2007	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	1.61	—	—	0.33	mg/L	Y	—	NQ	186556	GU07050G31R301	GELC
R-31 S3	666.3	02/08/2022	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	09/20/2021	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	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	06/02/2021	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	02/19/2021	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	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	12/16/2020	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.321	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-635	CAAN-21-211085	GELC
R-31 S3	666.3	05/21/2007	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.1	—	—	0.05	µg/L	Y	J	J	186556	GF07050G31R301	GELC
R-31 S3	666.3	02/08/2022	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	02/19/2021	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	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	11/30/2006	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	08/19/2005	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	12/16/2000	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.1	0.02	0.051	—	pCi/L	Y	—	NQ	8171R	GW31-00-0005	PARA
R-31 S3	666.3	02/08/2022	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

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 (ft)	Sample Date	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	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	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	11/30/2006	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	08/19/2005	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	12/16/2000	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.01	0.01	0.037	—	pCi/L	Y	U	U	8171R	GW31-00-0005	PARA
R-31 S3	666.3	02/08/2022	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	02/19/2021	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	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	11/30/2006	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	08/19/2005	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	12/16/2000	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.05	0.01	0.034	—	pCi/L	Y	LT	NQ	8171R	GW31-00-0005	PARA
R-31 S3	666.3	02/08/2022	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	09/20/2021	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	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	06/02/2021	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	02/19/2021	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	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	12/16/2020	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.42	—	—	1	µg/L	Y	J	J	N3B-2021-635	CAAN-21-211085	GELC
R-31 S3	666.3	05/21/2007	F	INIT	REG	Inorganic	SW-846:6010B	Vanadium	V	N	1	—	—	1	µg/L	Y	U	U	186556	GF07050G31R301	GELC
R-31 S3	666.3	02/08/2022	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	09/20/2021	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	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	06/02/2021	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	02/19/2021	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	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	12/16/2020	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	46.2	—	—	3.3	µg/L	Y	—	J+	N3B-2021-635	CAAN-21-211085	GELC
R-31 S3	666.3	05/21/2007	F	INIT	REG	Inorganic	SW-846:6010B	Zinc	Zn	Y	3.2	—	—	2	µg/L	Y	J	J	186556	GF07050G31R301	GELC
R-31 S4	826.6	02/09/2022	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	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	09/20/2021	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	06/04/2021	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	02/19/2021	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	12/18/2020	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2021-673	CAAN-21-211090	GELC
R-31 S4	826.6	02/09/2022	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	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	09/20/2021	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	06/04/2021	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	02/19/2021	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	12/18/2020	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.25	—	—	0.01	SU	Y	H	NQ	N3B-2021-673	CAAN-21-211089	GELC
R-31 S4	826.6	03/09/2016	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.02	—	—	0.01	SU	Y	H	NQ	2016-866	CAAN-16-110577	GELC
R-31 S4	826.6	02/09/2022	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	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	09/20/2021	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	06/04/2021	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	02/19/2021	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
R-31 S4	826.6	12/18/2020	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-673	CAAN-21-211089	GELC
R-31 S4	826.6	03/09/2016	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.3	—	—	0.725	mg/L	Y	—	NQ	2016-866	CAAN-16-110577	GELC
R-31 S4	826.6	02/09/2022	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	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	02/19/2021	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	03/09/2016	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	03/17/2015	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	03/26/2013	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0139	0.00654	0.0404	—	pCi/L	Y	U	U	2013-671	CAAN-13-28914	GELC
R-31 S4	826.6	02/09/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0792	—	—	0.017	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 (ft)	Sample Date	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	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.035	—	—	0.017	mg/L	Y	J	J	N3B-2022-915	CAAN-22-239776	GELC
R-31 S4	826.6	09/20/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0173	—	—	0.017	mg/L	Y	J	U	N3B-2021-2677	CAAN-21-234442	GELC
R-31 S4	826.6	06/04/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.292	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-1769	CAAN-21-229064	GELC
R-31 S4	826.6	02/19/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	UJ	N3B-2021-894	CAAN-21-218089	GELC
R-31 S4	826.6	12/18/2020	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0711	—	—	0.017	mg/L	Y	—	U	N3B-2021-673	CAAN-21-211089	GELC
R-31 S4	826.6	02/09/2022	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	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	09/20/2021	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	06/04/2021	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	02/19/2021	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	12/18/2020	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.47	—	—	2	µg/L	Y	J	J	N3B-2021-673	CAAN-21-211089	GELC
R-31 S4	826.6	03/09/2016	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2016-866	CAAN-16-110577	GELC
R-31 S4	826.6	02/09/2022	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	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	09/20/2021	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	06/04/2021	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	02/19/2021	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	12/18/2020	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	34.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-673	CAAN-21-211089	GELC
R-31 S4	826.6	03/09/2016	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	36.9	—	—	1	µg/L	Y	—	NQ	2016-866	CAAN-16-110577	GELC
R-31 S4	826.6	02/09/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	Y	9.29	—	—	5.85	µg/L	Y	J	J	N3B-2022-915	CAAN-22-239773	GELC
R-31 S4	826.6	02/09/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	Y	10.3	—	—	5.9	µg/L	Y	J	J	N3B-2022-915	CAAN-22-239777	GELC
R-31 S4	826.6	09/20/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	16	—	—	5.89	µg/L	Y	J	J	N3B-2021-2677	CAAN-21-234441	GELC
R-31 S4	826.6	06/04/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	9.49	—	—	6	µg/L	Y	J	J	N3B-2021-1769	CAAN-21-229063	GELC
R-31 S4	826.6	02/19/2021	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6	—	—	6	µg/L	Y	U	UJ	N3B-2021-894	CAAN-21-218090	GELC
R-31 S4	826.6	12/18/2020	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	10.6	—	—	6.16	µg/L	Y	J	J	N3B-2021-673	CAAN-21-211090	GELC
R-31 S4	826.6	03/09/2016	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	10	—	—	3	µg/L	Y	U	UJ	2016-866	CAAN-16-110573	GELC
R-31 S4	826.6	02/09/2022	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	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	09/20/2021	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	06/04/2021	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	02/19/2021	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	12/18/2020	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	8.63	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-673	CAAN-21-211089	GELC
R-31 S4	826.6	03/09/2016	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	9.23	—	—	0.05	mg/L	Y	—	NQ	2016-866	CAAN-16-110577	GELC
R-31 S4	826.6	02/09/2022	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	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	02/19/2021	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	03/09/2016	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	03/17/2015	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	03/26/2013	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.497	1.54	5.21	—	pCi/L	Y	U	U	2013-671	CAAN-13-28914	GELC
R-31 S4	826.6	02/09/2022	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	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	09/20/2021	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	06/04/2021	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	02/19/2021	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	12/18/2020	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.78	—	—	0.067	mg/L	Y	—	J-	N3B-2021-673	CAAN-21-211089	GELC
R-31 S4	826.6	03/09/2016	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.62	—	—	0.067	mg/L	Y	—	NQ	2016-866	CAAN-16-110577	GELC
R-31 S4	826.6	02/09/2022	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
R-31 S4	826.6	02/09/2022	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	02/19/2021	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	03/09/2016	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	03/17/2015	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	03/26/2013	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.3	1.69	6.01	—	pCi/L	Y	U	U	2013-671	CAAN-13-28914	GELC
R-31 S4	826.6	02/09/2022	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	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

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 (ft)	Sample Date	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	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	06/04/2021	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	02/19/2021	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	12/18/2020	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.176	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-673	CAAN-21-211089	GELC
R-31 S4	826.6	03/09/2016	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.155	—	—	0.033	mg/L	Y	—	NQ	2016-866	CAAN-16-110577	GELC
R-31 S4	826.6	02/09/2022	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	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	02/19/2021	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	03/09/2016	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	03/17/2015	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	03/26/2013	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.262	0.0864	1.59	—	pCi/L	Y	U	U	2013-671	CAAN-13-28914	GELC
R-31 S4	826.6	02/09/2022	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	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	02/19/2021	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	03/09/2016	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	03/17/2015	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	03/26/2013	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.86	0.338	0.938	—	pCi/L	Y	—	J	2013-671	CAAN-13-28914	GELC
R-31 S4	826.6	02/09/2022	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	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	09/20/2021	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	06/04/2021	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	02/19/2021	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	12/18/2020	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	30.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-673	CAAN-21-211089	GELC
R-31 S4	826.6	03/09/2016	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	32.7	—	—	0.453	mg/L	Y	—	NQ	2016-866	CAAN-16-110577	GELC
R-31 S4	826.6	02/09/2022	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	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	09/20/2021	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	06/04/2021	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	02/19/2021	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	12/18/2020	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.22	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-673	CAAN-21-211089	GELC
R-31 S4	826.6	03/09/2016	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.35	—	—	0.11	mg/L	Y	—	NQ	2016-866	CAAN-16-110577	GELC
R-31 S4	826.6	02/09/2022	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	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	09/20/2021	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	06/04/2021	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	02/19/2021	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	12/18/2020	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.23	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-673	CAAN-21-211089	GELC
R-31 S4	826.6	03/09/2016	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.3	—	—	0.165	µg/L	Y	—	NQ	2016-866	CAAN-16-110577	GELC
R-31 S4	826.6	02/09/2022	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	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	02/19/2021	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	03/09/2016	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	03/17/2015	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	03/26/2013	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.3	2.52	8.35	—	pCi/L	Y	U	U	2013-671	CAAN-13-28914	GELC
R-31 S4	826.6	02/09/2022	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	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	09/20/2021	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	06/04/2021	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
R-31 S4	826.6	02/19/2021	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	12/18/2020	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.349	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-673	CAAN-21-211089	GELC
R-31 S4	826.6	03/09/2016	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.338	—	—	0.017	mg/L	Y	—	NQ	2016-866	CAAN-16-110577	GELC
R-31 S4	826.6	02/09/2022	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	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	09/20/2021	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

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 (ft)	Sample Date	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	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	02/19/2021	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	12/18/2020	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.257	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-673	CAAN-21-211089	GELC
R-31 S4	826.6	03/09/2016	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.243	—	—	0.05	µg/L	Y	—	NQ	2016-866	CAAN-16-110577	GELC
R-31 S4	826.6	02/09/2022	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	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	02/19/2021	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	03/09/2016	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	03/17/2015	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	03/26/2013	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00000000168	0.00797	0.0392	—	pCi/L	Y	U	U	2013-671	CAAN-13-28914	GELC
R-31 S4	826.6	02/09/2022	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	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	02/19/2021	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	03/09/2016	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	03/17/2015	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	03/26/2013	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00756	0.00836	0.0383	—	pCi/L	Y	U	U	2013-671	CAAN-13-28914	GELC
R-31 S4	826.6	02/09/2022	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	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	09/20/2021	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	06/04/2021	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	02/19/2021	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	12/18/2020	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-673	CAAN-21-211089	GELC
R-31 S4	826.6	03/09/2016	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.25	—	—	0.05	mg/L	Y	—	NQ	2016-866	CAAN-16-110577	GELC
R-31 S4	826.6	02/09/2022	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	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	02/19/2021	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	03/09/2016	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	03/17/2015	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	03/26/2013	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-5.66	16.2	64.4	—	pCi/L	Y	U	U	2013-671	CAAN-13-28914	GELC
R-31 S4	826.6	02/09/2022	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	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	02/19/2021	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	11/02/2007	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	12/14/2000	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	02/09/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	UF	INIT	FD	RAD	Generic:Radium by Calculation	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	02/19/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	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	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	02/19/2021	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	11/02/2007	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	02/09/2022	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	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	09/20/2021	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	06/04/2021	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	02/19/2021	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	12/18/2020	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-673	CAAN-21-211089	GELC
R-31 S4	826.6	03/09/2016	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.6	—	—	0.053	mg/L	Y	—	NQ	2016-866	CAAN-16-110577	GELC
R-31 S4	826.6	02/09/2022	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	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	09/20/2021	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	06/04/2021	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	02/19/2021	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	12/18/2020	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-673	CAAN-21-211089	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 (ft)	Sample Date	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	03/09/2016	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	2016-866	CAAN-16-110577	GELC
R-31 S4	826.6	02/09/2022	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	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	02/19/2021	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	03/09/2016	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	03/17/2015	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	03/26/2013	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.36	1.27	4.28	—	pCi/L	Y	U	U	2013-671	CAAN-13-28914	GELC
R-31 S4	826.6	02/09/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	120	—	—	1	µScm	Y	—	NQ	N3B-2022-915	CAAN-22-239772	GELC
R-31 S4	826.6	02/09/2022	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	119	—	—	1	µScm	Y	—	NQ	N3B-2022-915	CAAN-22-239776	GELC
R-31 S4	826.6	09/20/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	113	—	—	1	µScm	Y	—	NQ	N3B-2021-2677	CAAN-21-234442	GELC
R-31 S4	826.6	06/04/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	128	—	—	1	µScm	Y	—	NQ	N3B-2021-1769	CAAN-21-229064	GELC
R-31 S4	826.6	02/19/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	123	—	—	1	µScm	Y	—	NQ	N3B-2021-894	CAAN-21-218089	GELC
R-31 S4	826.6	12/18/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	117	—	—	1	µScm	Y	—	NQ	N3B-2021-673	CAAN-21-211089	GELC
R-31 S4	826.6	03/09/2016	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	121	—	—	3.63	µScm	Y	—	NQ	2016-866	CAAN-16-110577	GELC
R-31 S4	826.6	02/09/2022	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	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	09/20/2021	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	06/04/2021	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	02/19/2021	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	12/18/2020	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	41.9	—	—	1	µg/L	Y	—	NQ	N3B-2021-673	CAAN-21-211089	GELC
R-31 S4	826.6	03/09/2016	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	45.7	—	—	1	µg/L	Y	—	NQ	2016-866	CAAN-16-110577	GELC
R-31 S4	826.6	02/09/2022	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	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	02/19/2021	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	03/09/2016	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	03/17/2015	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	03/26/2013	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.476	0.152	0.484	—	pCi/L	Y	U	U	2013-671	CAAN-13-28914	GELC
R-31 S4	826.6	02/09/2022	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	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	09/20/2021	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	06/04/2021	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	02/19/2021	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	12/18/2020	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.5	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-673	CAAN-21-211089	GELC
R-31 S4	826.6	03/09/2016	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.47	—	—	0.133	mg/L	Y	—	NQ	2016-866	CAAN-16-110577	GELC
R-31 S4	826.6	02/09/2022	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
R-31 S4	826.6	02/09/2022	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	09/20/2021	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	06/04/2021	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	02/19/2021	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	12/18/2020	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	113	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-673	CAAN-21-211089	GELC
R-31 S4	826.6	03/09/2016	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	164	—	—	3.4	mg/L	Y	—	J	2016-866	CAAN-16-110577	GELC
R-31 S4	826.6	02/09/2022	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	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	09/20/2021	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	06/04/2021	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	02/19/2021	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	12/18/2020	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0541	—	—	0.033	mg/L	Y	J	J-	N3B-2021-673	CAAN-21-211090	GELC
R-31 S4	826.6	02/09/2022	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	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	09/20/2021	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	06/04/2021	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	02/19/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0264	—	—	0.02	mg/L	Y	J	J	N3B-2021-894	CAAN-21-218089	GELC
R-31 S4	826.6	12/18/2020	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0602	—	—	0.02	mg/L	Y	—	NQ	N3B-2021-673	CAAN-21-211089	GELC
R-31 S4	826.6	02/09/2022	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

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 (ft)	Sample Date	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	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	09/20/2021	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	06/04/2021	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	02/19/2021	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	12/18/2020	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.303	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-673	CAAN-21-211089	GELC
R-31 S4	826.6	03/09/2016	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.254	—	—	0.067	µg/L	Y	—	NQ	2016-866	CAAN-16-110577	GELC
R-31 S4	826.6	02/09/2022	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	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	02/19/2021	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	03/09/2016	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	03/17/2015	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	03/26/2013	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.145	0.0194	0.0563	—	pCi/L	Y	—	NQ	2013-671	CAAN-13-28914	GELC
R-31 S4	826.6	02/09/2022	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	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	02/19/2021	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	03/09/2016	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	03/17/2015	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	03/26/2013	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0199	0.00852	0.0346	—	pCi/L	Y	U	U	2013-671	CAAN-13-28914	GELC
R-31 S4	826.6	02/09/2022	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	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	02/19/2021	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	03/09/2016	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	03/17/2015	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	03/26/2013	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0873	0.0149	0.0316	—	pCi/L	Y	—	NQ	2013-671	CAAN-13-28914	GELC
R-31 S4	826.6	02/09/2022	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	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	09/20/2021	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	06/04/2021	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	02/19/2021	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	12/18/2020	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.31	—	—	1	µg/L	Y	—	NQ	N3B-2021-673	CAAN-21-211089	GELC
R-31 S4	826.6	03/09/2016	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.16	—	—	1	µg/L	Y	—	NQ	2016-866	CAAN-16-110577	GELC
R-31 S4	826.6	02/09/2022	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	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	09/20/2021	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	06/04/2021	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	02/19/2021	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	12/18/2020	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2021-673	CAAN-21-211089	GELC
R-31 S4	826.6	03/09/2016	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	3.9	—	—	3.3	µg/L	Y	J	J	2016-866	CAAN-16-110577	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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	11/13/2019	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
R-34	883.7	11/15/2018	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	11/15/2017	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.45	—	—	0.01	SU	Y	H	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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	11/13/2019	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	11/15/2018	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	11/15/2017	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.6	—	—	1.45	mg/L	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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	11/13/2019	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	11/15/2018	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	11/15/2017	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00655	0.0194	0.0388	—	pCi/L	Y	U	U	2018-923	CAMO-18-147983	GELC
R-34	883.7	11/05/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0181	—	—	0.017	mg/L	Y	J	J	N3B-2022-324	CAMO-22-236478	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 (ft)	Sample Date	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	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.103	—	—	0.017	mg/L	Y	—	U	N3B-2021-389	CAMO-21-210601	GELC
R-34	883.7	11/13/2019	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.029	—	—	0.017	mg/L	Y	J	J	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/15/2018	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.025	—	—	0.017	mg/L	Y	J	U	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/15/2017	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0667	—	—	0.017	mg/L	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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	11/13/2019	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	11/15/2018	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	11/15/2017	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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	11/13/2019	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	11/15/2018	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	11/15/2017	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23.2	—	—	1	µg/L	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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	11/13/2019	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	11/15/2018	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	11/15/2017	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	15.2	—	—	15	µg/L	Y	J	J	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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	11/13/2019	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	11/15/2018	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	11/15/2017	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.2	—	—	0.05	mg/L	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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	11/13/2019	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	11/15/2018	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	11/15/2017	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.33	1.51	5.52	—	pCi/L	Y	U	U	2018-923	CAMO-18-147983	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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	11/13/2019	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	11/15/2018	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	11/15/2017	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.37	—	—	0.067	mg/L	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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	11/13/2019	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	11/15/2018	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	11/15/2017	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.98	—	—	3	µg/L	Y	J	J	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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	11/13/2019	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	11/15/2018	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	11/15/2017	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.701	1.47	6.23	—	pCi/L	Y	U	U	2018-923	CAMO-18-147983	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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	11/13/2019	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	11/15/2018	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	11/15/2017	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.228	—	—	0.033	mg/L	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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
R-34	883.7	11/13/2019	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	11/15/2018	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	11/15/2017	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.27	0.861	2.89	—	pCi/L	Y	U	U	2018-923	CAMO-18-147983	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 (ft)	Sample Date	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	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	11/12/2020	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	11/13/2019	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	11/15/2018	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	11/15/2017	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.101	0.776	2.79	—	pCi/L	Y	U	U	2018-923	CAMO-18-147983	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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	11/13/2019	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	11/15/2018	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	11/15/2017	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	55.3	—	—	0.453	mg/L	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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	11/13/2019	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	11/15/2018	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	11/15/2017	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.61	—	—	0.11	mg/L	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.951	—	—	0.2	µg/L	Y	J	J	N3B-2022-324	CAMO-22-236478	GELC
R-34	883.7	11/12/2020	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	1.12	—	—	0.2	µg/L	Y	—	U	N3B-2021-389	CAMO-21-210601	GELC
R-34	883.7	11/13/2019	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.12	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/15/2018	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.08	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/15/2017	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.06	—	—	0.2	µg/L	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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	11/13/2019	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	11/15/2018	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	11/15/2017	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.745	2.4	9.04	—	pCi/L	Y	U	U	2018-923	CAMO-18-147983	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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	11/13/2019	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	11/15/2018	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	11/15/2017	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.476	—	—	0.017	mg/L	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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	11/13/2019	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	11/15/2018	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	11/15/2017	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.329	—	—	0.05	µg/L	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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	11/13/2019	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	11/15/2018	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	11/15/2017	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00722	0.0105	0.0355	—	pCi/L	Y	U	U	2018-923	CAMO-18-147983	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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	11/13/2019	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	11/15/2018	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	11/15/2017	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00241	0.00637	0.0507	—	pCi/L	Y	U	U	2018-923	CAMO-18-147983	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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	11/13/2019	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	11/15/2018	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	11/15/2017	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.56	—	—	0.05	mg/L	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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	11/13/2019	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	11/15/2018	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

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 (ft)	Sample Date	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	11/15/2017	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.6	22.2	81.5	—	pCi/L	Y	U	U	2018-923	CAMO-18-147983	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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	11/13/2019	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	11/10/2011	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	11/14/2007	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.819	0.26	0.66	—	pCi/L	Y	—	NQ	08-182	CAMO-08-8647	GELC
R-34	883.7	11/05/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	11/12/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	11/13/2019	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.0433	0.159	—	—	pCi/L	Y	—	U	N3B-2020-338	CAMO-20-189292	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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	11/13/2019	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	11/10/2011	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	11/14/2007	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.299	0.22	0.72	—	pCi/L	Y	U	U	08-182	CAMO-08-8647	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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	11/13/2019	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	11/15/2018	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	11/15/2017	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.2	—	—	0.053	mg/L	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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	11/13/2019	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	11/15/2018	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	11/15/2017	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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	11/13/2019	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	11/15/2018	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	11/15/2017	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.563	1.23	4.5	—	pCi/L	Y	U	U	2018-923	CAMO-18-147983	GELC
R-34	883.7	11/05/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	155	—	—	1	µScm	Y	—	NQ	N3B-2022-324	CAMO-22-236478	GELC
R-34	883.7	11/12/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	166	—	—	1	µScm	Y	—	NQ	N3B-2021-389	CAMO-21-210601	GELC
R-34	883.7	11/13/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134	—	—	1	µScm	Y	—	NQ	N3B-2020-338	CAMO-20-189291	GELC
R-34	883.7	11/15/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	154	—	—	1	µScm	Y	—	NQ	N3B-2019-485	CAMO-19-164046	GELC
R-34	883.7	11/15/2017	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	173	—	—	1	µScm	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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	11/13/2019	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	11/15/2018	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	11/15/2017	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	56.9	—	—	1	µg/L	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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	11/13/2019	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	11/15/2018	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	11/15/2017	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0179	0.115	0.434	—	pCi/L	Y	U	U	2018-923	CAMO-18-147983	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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	11/13/2019	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	11/15/2018	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	11/15/2017	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.81	—	—	0.133	mg/L	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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	11/13/2019	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	11/15/2018	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	11/15/2017	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	146	—	—	3.4	mg/L	Y	—	NQ	2018-923	CAMO-18-147982	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 (ft)	Sample Date	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	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	11/12/2020	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	11/13/2019	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	11/15/2018	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	11/15/2017	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.489	—	—	0.067	µg/L	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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	11/13/2019	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	11/15/2018	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	11/15/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.301	0.0388	0.205	—	pCi/L	Y	—	NQ	2018-923	CAMO-18-147983	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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	11/13/2019	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	11/15/2018	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	11/15/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0145	0.0123	0.0898	—	pCi/L	Y	U	U	2018-923	CAMO-18-147983	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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	11/13/2019	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	11/15/2018	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
R-34	883.7	11/15/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.204	0.0322	0.12	—	pCi/L	Y	—	NQ	2018-923	CAMO-18-147983	GELC
R-34	883.7	11/05/2021	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	11/12/2020	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	11/13/2019	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	11/15/2018	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	11/15/2017	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.45	—	—	1	µg/L	Y	—	NQ	2018-923	CAMO-18-147982	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.82	—	—	0.01	SU	Y	H	NQ	N3B-2018-2780	CAPU-18-83	GELC
R-3i	215.2	06/21/2018	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.84	—	—	0.01	SU	Y	H	NQ	N3B-2018-2780	CAPU-18-85	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	159	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-83	GELC
R-3i	215.2	06/21/2018	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	159	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-85	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0155	0.00821	0.0507	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-84	GELC
R-3i	215.2	06/21/2018	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0032	0.00554	0.0522	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-86	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	98.6	—	—	1	µg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-83	GELC
R-3i	215.2	06/21/2018	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	101	—	—	1	µg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-85	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	131	—	—	15	µg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-83	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 (ft)	Sample Date	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	06/21/2018	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	135	—	—	15	µg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-85	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.126	—	—	0.067	mg/L	Y	J	J	N3B-2018-2780	CAPU-18-83	GELC
R-3i	215.2	06/21/2018	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.133	—	—	0.067	mg/L	Y	J	J	N3B-2018-2780	CAPU-18-85	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	58.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-83	GELC
R-3i	215.2	06/21/2018	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	60.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-85	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.181	1.24	4.61	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-84	GELC
R-3i	215.2	06/21/2018	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.18	1.56	5.14	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-86	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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
R-3i	215.2	06/24/2019	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	06/21/2018	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	46.6	—	—	0.67	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-83	GELC
R-3i	215.2	06/21/2018	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	46.3	—	—	0.67	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-85	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.6	1.08	4.94	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-84	GELC
R-3i	215.2	06/21/2018	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.49	1.16	5.29	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-86	GELC
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	1.46	—	—	0.1	µg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250832	GELC
R-3i	215.2	06/27/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	2.9	—	—	2.9	µg/L	N	U	UJ	N3B-2022-1981	CAPU-22-250832	GELC
R-3i	215.2	09/08/2020	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.05	—	—	3.05	µg/L	Y	U	U	N3B-2020-1720	CAPU-20-206452	GELC
R-3i	215.2	09/08/2020	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	1.27	—	—	0.1	µg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206452	GELC
R-3i	215.2	06/21/2018	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.13	—	—	3.13	µg/L	Y	U	U	N3B-2018-2780	CAPU-18-84	GELC
R-3i	215.2	06/21/2018	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.06	—	—	3.06	µg/L	Y	U	U	N3B-2018-2780	CAPU-18-86	GELC
R-3i	215.2	06/02/2016	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	5.38	—	—	1.61	µg/L	Y	U	U	2016-1311	CAPU-16-116869	GELC
R-3i	215.2	06/01/2015	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	5.15	—	—	1.55	µg/L	Y	U	U	2015-1328	CAPA-15-97490	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.373	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-83	GELC
R-3i	215.2	06/21/2018	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.369	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-85	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	5.68	1.41	2.97	—	pCi/L	Y	—	NQ	N3B-2018-2780	CAPU-18-84	GELC
R-3i	215.2	06/21/2018	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	Y	7.7	1.54	2.89	—	pCi/L	Y	—	NQ	N3B-2018-2780	CAPU-18-86	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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

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 (ft)	Sample Date	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	06/24/2019	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	06/21/2018	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.52	0.863	1.92	—	pCi/L	Y	—	NQ	N3B-2018-2780	CAPU-18-84	GELC
R-3i	215.2	06/21/2018	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	4.59	0.82	2.02	—	pCi/L	Y	—	NQ	N3B-2018-2780	CAPU-18-86	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	212	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-83	GELC
R-3i	215.2	06/21/2018	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	219	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-85	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	16.2	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-83	GELC
R-3i	215.2	06/21/2018	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	16.8	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-85	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.898	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-83	GELC
R-3i	215.2	06/21/2018	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.87	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-85	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.934	2.32	8.45	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-84	GELC
R-3i	215.2	06/21/2018	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.23	3.2	10.5	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-86	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	6.34	—	—	0.6	µg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-83	GELC
R-3i	215.2	06/21/2018	F	INIT	FD	Inorganic	SW-846:6020	Nickel	Ni	Y	6.65	—	—	0.6	µg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-85	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.51	—	—	0.085	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-83	GELC
R-3i	215.2	06/21/2018	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.52	—	—	0.085	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-85	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	1.58	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-83	GELC
R-3i	215.2	06/21/2018	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	1.55	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-85	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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
R-3i	215.2	09/08/2020	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	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	06/27/2022	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	06/21/2021	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	09/08/2020	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	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	06/27/2022	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

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 (ft)	Sample Date	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	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	09/08/2020	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	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	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00911	0.0158	0.0451	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-84	GELC
R-3i	215.2	06/21/2018	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0232	0.0165	0.0383	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-86	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00607	0.0136	0.0577	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-84	GELC
R-3i	215.2	06/21/2018	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00773	0.0112	0.049	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-86	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	6.01	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-83	GELC
R-3i	215.2	06/21/2018	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	6.17	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-85	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-23.4	13.4	49.4	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-84	GELC
R-3i	215.2	06/21/2018	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-11.7	15.1	59.2	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-86	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/27/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	2.1	0.355	—	—	pCi/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250832	GELC
R-3i	215.2	06/21/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	09/08/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	52.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-83	GELC
R-3i	215.2	06/21/2018	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	53.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-85	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	20.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-83	GELC
R-3i	215.2	06/21/2018	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	21.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-85	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.43	1.11	3.9	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-84	GELC
R-3i	215.2	06/21/2018	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.864	1.54	4.99	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-86	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 (ft)	Sample Date	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	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	565	—	—	1	µScm	Y	—	NQ	N3B-2022-1981	CAPU-22-250833	GELC
R-3i	215.2	06/21/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	579	—	—	1	µScm	Y	—	NQ	N3B-2021-1892	CAPU-21-229572	GELC
R-3i	215.2	09/08/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	552	—	—	1	µScm	Y	—	NQ	N3B-2020-1720	CAPU-20-206451	GELC
R-3i	215.2	06/24/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	538	—	—	1	µScm	Y	—	NQ	N3B-2019-2281	CAPU-19-181506	GELC
R-3i	215.2	06/21/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	536	—	—	1	µScm	Y	—	NQ	N3B-2018-2780	CAPU-18-83	GELC
R-3i	215.2	06/21/2018	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	537	—	—	1	µScm	Y	—	NQ	N3B-2018-2780	CAPU-18-85	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	277	—	—	1	µg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-83	GELC
R-3i	215.2	06/21/2018	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	286	—	—	1	µg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-85	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0359	0.121	0.44	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-84	GELC
R-3i	215.2	06/21/2018	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0717	0.133	0.477	—	pCi/L	Y	U	U	N3B-2018-2780	CAPU-18-86	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	30	—	—	1.33	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-83	GELC
R-3i	215.2	06/21/2018	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	29.7	—	—	1.33	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-85	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	331	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-83	GELC
R-3i	215.2	06/21/2018	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	340	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-85	GELC
R-3i	215.2	06/27/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.166	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250832	GELC
R-3i	215.2	06/21/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.109	—	—	0.033	mg/L	Y	—	U	N3B-2021-1892	CAPU-21-229571	GELC
R-3i	215.2	09/08/2020	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.439	—	—	0.033	mg/L	Y	—	J+	N3B-2020-1720	CAPU-20-206452	GELC
R-3i	215.2	06/24/2019	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.168	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2281	CAPU-19-181507	GELC
R-3i	215.2	06/21/2018	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0795	—	—	0.033	mg/L	Y	J	J	N3B-2018-2780	CAPU-18-84	GELC
R-3i	215.2	06/21/2018	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0835	—	—	0.033	mg/L	Y	J	J	N3B-2018-2780	CAPU-18-86	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.603	—	—	0.33	mg/L	Y	J	J	N3B-2018-2780	CAPU-18-84	GELC
R-3i	215.2	06/21/2018	UF	INIT	FD	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.53	—	—	0.33	mg/L	Y	J	J	N3B-2018-2780	CAPU-18-86	GELC
R-3i	215.2	06/27/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	Y	86.4	—	—	—	ng/L	Y	—	NQ	N3B-2022-1981	CAPU-22-250832	GELC
R-3i	215.2	06/21/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	Y	75.8	—	—	—	ng/L	Y	—	NQ	N3B-2021-1892	CAPU-21-229571	GELC
R-3i	215.2	09/08/2020	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	Y	84.7	—	—	—	ng/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206452	GELC
R-3i	215.2	09/08/2020	UF	INIT	FD	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	Y	83.1	—	—	—	ng/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206786	GELC
R-3i	215.2	06/27/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.031	—	—	0.02	mg/L	Y	J	J	N3B-2022-1981	CAPU-22-250833	GELC
R-3i	215.2	06/21/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0727	—	—	0.02	mg/L	Y	—	U	N3B-2021-1892	CAPU-21-229572	GELC
R-3i	215.2	09/08/2020	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.102	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1720	CAPU-20-206451	GELC
R-3i	215.2	06/24/2019	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0362	—	—	0.02	mg/L	Y	J	U	N3B-2019-2281	CAPU-19-181506	GELC
R-3i	215.2	06/21/2018	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0497	—	—	0.02	mg/L	Y	J	U	N3B-2018-2780	CAPU-18-83	GELC
R-3i	215.2	06/21/2018	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0615	—	—	0.02	mg/L	Y	—	U	N3B-2018-2780	CAPU-18-85	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	8	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-1892	CAPU-21-229572	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 (ft)	Sample Date	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	09/08/2020	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	06/24/2019	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	06/21/2018	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	7.89	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-83	GELC
R-3i	215.2	06/21/2018	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	8.03	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-2780	CAPU-18-85	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	4.31	0.108	0.1	—	pCi/L	Y	—	NQ	N3B-2018-2780	CAPU-18-84	GELC
R-3i	215.2	06/21/2018	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	3.89	0.102	0.0998	—	pCi/L	Y	—	NQ	N3B-2018-2780	CAPU-18-86	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.181	0.0249	0.076	—	pCi/L	Y	—	NQ	N3B-2018-2780	CAPU-18-84	GELC
R-3i	215.2	06/21/2018	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.18	0.0256	0.0756	—	pCi/L	Y	—	NQ	N3B-2018-2780	CAPU-18-86	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	2.93	0.0887	0.0785	—	pCi/L	Y	—	NQ	N3B-2018-2780	CAPU-18-84	GELC
R-3i	215.2	06/21/2018	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	2.67	0.0844	0.0781	—	pCi/L	Y	—	NQ	N3B-2018-2780	CAPU-18-86	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.41	—	—	1	µg/L	Y	J	J	N3B-2018-2780	CAPU-18-83	GELC
R-3i	215.2	06/21/2018	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	3.73	—	—	1	µg/L	Y	J	J	N3B-2018-2780	CAPU-18-85	GELC
R-3i	215.2	06/27/2022	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	06/21/2021	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	09/08/2020	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	06/24/2019	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	06/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	7.81	—	—	3.3	µg/L	Y	J	J	N3B-2018-2780	CAPU-18-83	GELC
R-3i	215.2	06/21/2018	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	Y	7.34	—	—	3.3	µg/L	Y	J	J	N3B-2018-2780	CAPU-18-85	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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
R-4	792.9	09/04/2020	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	06/13/2019	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	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	06/26/2018	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.2	—	—	0.01	SU	Y	H	NQ	N3B-2018-2809	CAPU-18-102	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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	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	06/13/2019	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	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	06/26/2018	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-2809	CAPU-18-102	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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	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	06/13/2019	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	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

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 (ft)	Sample Date	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	06/26/2018	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00367	0.00637	0.03	—	pCi/L	Y	U	U	N3B-2018-2809	CAPU-18-103	GELC
R-4	792.9	06/28/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0318	—	—	0.017	mg/L	Y	J	J	N3B-2022-2035	CAPU-22-250853	GELC
R-4	792.9	06/09/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0494	—	—	0.017	mg/L	Y	J	J	N3B-2021-1799	CAPU-21-229587	GELC
R-4	792.9	09/04/2020	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.113	—	—	0.017	mg/L	Y	—	U	N3B-2020-1708	CAPU-20-206469	GELC
R-4	792.9	09/04/2020	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0172	—	—	0.017	mg/L	Y	J	U	N3B-2020-1708	CAPU-20-206471	GELC
R-4	792.9	06/13/2019	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.109	—	—	0.017	mg/L	Y	—	J+	N3B-2019-2203	CAPU-19-181517	GELC
R-4	792.9	06/13/2019	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0635	—	—	0.017	mg/L	Y	—	U	N3B-2019-2203	CAPU-19-181520	GELC
R-4	792.9	06/26/2018	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2018-2809	CAPU-18-102	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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	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	06/13/2019	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	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	06/26/2018	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.72	—	—	2	µg/L	Y	J	J	N3B-2018-2809	CAPU-18-102	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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	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	06/13/2019	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	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	06/26/2018	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	35.9	—	—	1	µg/L	Y	—	NQ	N3B-2018-2809	CAPU-18-102	GELC
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	Y	14.4	—	—	6	µg/L	Y	J	J	N3B-2022-2035	CAPU-22-250852	GELC
R-4	792.9	09/04/2020	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.08	—	—	6.08	µg/L	Y	U	U	N3B-2020-1708	CAPU-20-206470	GELC
R-4	792.9	09/04/2020	UF	INIT	FD	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.19	—	—	6.19	µg/L	Y	U	U	N3B-2020-1708	CAPU-20-206472	GELC
R-4	792.9	06/13/2019	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.19	—	—	6.19	µg/L	Y	U	R	N3B-2019-2203	CAPU-19-181518	GELC
R-4	792.9	06/13/2019	UF	INIT	FD	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6	—	—	6	µg/L	Y	U	R	N3B-2019-2203	CAPU-19-181521	GELC
R-4	792.9	06/26/2018	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.12	—	—	6.12	µg/L	Y	U	U	N3B-2018-2809	CAPU-18-103	GELC
R-4	792.9	06/23/2017	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	20	—	—	6	µg/L	Y	U	U	2017-1824	CAPU-17-139104	GELC
R-4	792.9	06/23/2017	UF	INIT	FD	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	21.7	—	—	6.52	µg/L	Y	U	U	2017-1824	CAPU-17-139109	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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	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	06/13/2019	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	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	06/26/2018	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	24.8	—	—	15	µg/L	Y	J	J	N3B-2018-2809	CAPU-18-102	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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	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	06/13/2019	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	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	06/26/2018	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2809	CAPU-18-102	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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	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	06/13/2019	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	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	06/26/2018	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.109	1.97	6.78	—	pCi/L	Y	U	U	N3B-2018-2809	CAPU-18-103	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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

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 (ft)	Sample Date	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	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	06/13/2019	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
R-4	792.9	06/13/2019	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	06/26/2018	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.31	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-2809	CAPU-18-102	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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	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	06/13/2019	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	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	06/26/2018	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.24	—	—	3	µg/L	Y	J	J	N3B-2018-2809	CAPU-18-102	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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	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	06/13/2019	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	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	06/26/2018	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.73	1.57	5.98	—	pCi/L	Y	U	U	N3B-2018-2809	CAPU-18-103	GELC
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.108	—	—	0.1	µg/L	Y	J	J	N3B-2022-2035	CAPU-22-250852	GELC
R-4	792.9	06/28/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3	—	—	3	µg/L	N	U	U	N3B-2022-2035	CAPU-22-250852	GELC
R-4	792.9	06/09/2021	UF	INIT	REG	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	—	—	16.7	µg/L	Y	U	U	N3B-2021-1799	CAPU-21-229586	GELC
R-4	792.9	09/04/2020	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.04	—	—	3.04	µg/L	Y	U	U	N3B-2020-1708	CAPU-20-206470	GELC
R-4	792.9	09/04/2020	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.377	—	—	0.1	µg/L	Y	J	J	N3B-2020-1708	CAPU-20-206470	GELC
R-4	792.9	09/04/2020	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.09	—	—	3.09	µg/L	Y	U	U	N3B-2020-1708	CAPU-20-206472	GELC
R-4	792.9	09/04/2020	UF	INIT	FD	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.363	—	—	0.1	µg/L	Y	J	J	N3B-2020-1708	CAPU-20-206472	GELC
R-4	792.9	06/13/2019	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.09	—	—	3.09	µg/L	Y	U	U	N3B-2019-2203	CAPU-19-181518	GELC
R-4	792.9	06/13/2019	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-2203	CAPU-19-181521	GELC
R-4	792.9	06/26/2018	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.06	—	—	3.06	µg/L	Y	U	U	N3B-2018-2809	CAPU-18-103	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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	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	06/13/2019	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	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	06/26/2018	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.613	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-2809	CAPU-18-102	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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	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	06/13/2019	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	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	06/26/2018	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	2.94	1.08	2.82	—	pCi/L	Y	—	NQ	N3B-2018-2809	CAPU-18-103	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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	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	06/13/2019	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	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	06/26/2018	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	8.66	1.14	2.94	—	pCi/L	Y	—	NQ	N3B-2018-2809	CAPU-18-103	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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	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	06/13/2019	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	61.9	—	—	0.453	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 (ft)	Sample Date	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	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	06/26/2018	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	61.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-2809	CAPU-18-102	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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	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	06/13/2019	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	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	06/26/2018	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.61	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-2809	CAPU-18-102	GELC
R-4	792.9	06/28/2022	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
R-4	792.9	06/09/2021	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	09/04/2020	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	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	06/13/2019	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	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	06/26/2018	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.95	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-2809	CAPU-18-102	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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	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	06/13/2019	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	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	06/26/2018	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.83	2.66	10.2	—	pCi/L	Y	U	U	N3B-2018-2809	CAPU-18-103	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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	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	06/13/2019	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	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	06/26/2018	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	0.922	—	—	0.6	µg/L	Y	J	J	N3B-2018-2809	CAPU-18-102	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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	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	06/13/2019	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	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	06/26/2018	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.03	—	—	0.17	mg/L	Y	—	NQ	N3B-2018-2809	CAPU-18-102	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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	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	06/13/2019	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	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	06/26/2018	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	5.86	—	—	0.25	µg/L	Y	—	NQ	N3B-2018-2809	CAPU-18-102	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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	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	06/13/2019	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	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	06/26/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0232	0.0114	0.0344	—	pCi/L	Y	U	U	N3B-2018-2809	CAPU-18-103	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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

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 (ft)	Sample Date	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	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	06/13/2019	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	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	06/26/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00464	0.00656	0.0441	—	pCi/L	Y	U	U	N3B-2018-2809	CAPU-18-103	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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	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	06/13/2019	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	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	06/26/2018	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.64	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-2809	CAPU-18-102	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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	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	06/13/2019	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	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	06/26/2018	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-25.4	18.3	56.9	—	pCi/L	Y	U	U	N3B-2018-2809	CAPU-18-103	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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	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
R-4	792.9	01/22/2008	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	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	11/14/2005	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	7.57	1.27	4.81	—	pCi/L	Y	UI	R	150271	GU05110G04R01	GELC
R-4	792.9	06/28/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	06/09/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	09/04/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	UF	INIT	FD	RAD	Generic:Radium by Calculation	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	06/28/2022	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	06/09/2021	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	09/04/2020	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	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	01/22/2008	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	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	10/10/2003	UF	INIT	REG	RAD	EPA:901.1	Radium-228	Ra-228	N	6.02	2.3	8.9	—	pCi/L	Y	U	U	1935S	GW04-03-52303	GEL
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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	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	06/13/2019	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	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	06/26/2018	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-2809	CAPU-18-102	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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	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	06/13/2019	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	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	06/26/2018	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-2809	CAPU-18-102	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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	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

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 (ft)	Sample Date	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	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	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	06/26/2018	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.589	1.02	4.36	—	pCi/L	Y	U	U	N3B-2018-2809	CAPU-18-103	GELC
R-4	792.9	06/28/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	202	—	—	1	µScm	Y	—	NQ	N3B-2022-2035	CAPU-22-250853	GELC
R-4	792.9	06/09/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	196	—	—	1	µScm	Y	—	NQ	N3B-2021-1799	CAPU-21-229587	GELC
R-4	792.9	09/04/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	191	—	—	1	µScm	Y	—	NQ	N3B-2020-1708	CAPU-20-206469	GELC
R-4	792.9	09/04/2020	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	191	—	—	1	µScm	Y	—	NQ	N3B-2020-1708	CAPU-20-206471	GELC
R-4	792.9	06/13/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	201	—	—	1	µScm	Y	—	NQ	N3B-2019-2203	CAPU-19-181517	GELC
R-4	792.9	06/13/2019	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	187	—	—	1	µScm	Y	—	NQ	N3B-2019-2203	CAPU-19-181520	GELC
R-4	792.9	06/26/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	185	—	—	1	µScm	Y	—	NQ	N3B-2018-2809	CAPU-18-102	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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	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	06/13/2019	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	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	06/26/2018	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	85.5	—	—	1	µg/L	Y	—	NQ	N3B-2018-2809	CAPU-18-102	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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	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	06/13/2019	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	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	06/26/2018	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0927	0.131	0.485	—	pCi/L	Y	U	U	N3B-2018-2809	CAPU-18-103	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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	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
R-4	792.9	06/13/2019	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	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	06/26/2018	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.6	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-2809	CAPU-18-102	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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	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	06/13/2019	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	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	06/26/2018	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	176	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-2809	CAPU-18-102	GELC
R-4	792.9	06/28/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.117	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-2035	CAPU-22-250852	GELC
R-4	792.9	06/09/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0874	—	—	0.033	mg/L	Y	J	U	N3B-2021-1799	CAPU-21-229586	GELC
R-4	792.9	09/04/2020	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-1708	CAPU-20-206470	GELC
R-4	792.9	09/04/2020	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-1708	CAPU-20-206472	GELC
R-4	792.9	06/13/2019	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0398	—	—	0.033	mg/L	Y	J	J	N3B-2019-2203	CAPU-19-181518	GELC
R-4	792.9	06/13/2019	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-2203	CAPU-19-181521	GELC
R-4	792.9	06/26/2018	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2018-2809	CAPU-18-103	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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	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	06/13/2019	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	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	06/26/2018	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.642	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-2809	CAPU-18-102	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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

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 (ft)	Sample Date	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	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	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	06/13/2019	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	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	06/26/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.513	0.0318	0.0701	—	pCi/L	Y	—	NQ	N3B-2018-2809	CAPU-18-103	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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	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	06/13/2019	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	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	06/26/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0322	0.0108	0.0531	—	pCi/L	Y	U	U	N3B-2018-2809	CAPU-18-103	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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	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	06/13/2019	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	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	06/26/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.203	0.0205	0.0549	—	pCi/L	Y	—	NQ	N3B-2018-2809	CAPU-18-103	GELC
R-4	792.9	06/28/2022	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	06/09/2021	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	09/04/2020	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	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	06/13/2019	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	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	06/26/2018	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.49	—	—	1	µg/L	Y	—	NQ	N3B-2018-2809	CAPU-18-102	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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	—	10/11/2018	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	—	10/03/2017	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.32	—	—	0.01	SU	Y	H	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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	—	10/11/2018	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	—	10/03/2017	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	177	—	—	1.45	mg/L	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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	—	10/11/2018	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	—	10/03/2017	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00575	0.00635	0.0336	—	pCi/L	Y	U	U	2018-129	CAWR-18-147311	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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	—	10/11/2018	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
Sacred Spring	—	10/03/2017	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.62	—	—	2	µg/L	Y	J	J	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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	—	10/11/2018	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	—	10/03/2017	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	120	—	—	1	µg/L	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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

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 (ft)	Sample Date	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	—	10/11/2018	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	—	10/03/2017	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	29.3	—	—	15	µg/L	Y	J	J	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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	—	10/11/2018	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	—	10/03/2017	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	46.1	—	—	0.05	mg/L	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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	—	10/11/2018	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	—	10/03/2017	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0671	0.989	3.86	—	pCi/L	Y	U	U	2018-129	CAWR-18-147311	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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	—	10/11/2018	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	—	10/03/2017	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.93	—	—	0.067	mg/L	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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	—	10/11/2018	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	—	10/03/2017	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	5.11	1.9	7.15	—	pCi/L	Y	U	U	2018-129	CAWR-18-147311	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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	—	10/11/2018	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	—	10/03/2017	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.513	—	—	0.033	mg/L	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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	—	10/11/2018	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	—	10/03/2017	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.32	0.995	2.9	—	pCi/L	Y	U	U	2018-129	CAWR-18-147311	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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	—	10/11/2018	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	—	10/03/2017	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3	0.748	1.94	—	pCi/L	Y	—	NQ	2018-129	CAWR-18-147311	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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	—	10/11/2018	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	—	10/03/2017	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	126	—	—	0.453	mg/L	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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	—	10/11/2018	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	—	10/03/2017	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	946	—	—	30	µg/L	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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
Sacred Spring	—	10/11/2018	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	—	10/03/2017	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.53	—	—	0.11	mg/L	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	211	—	—	2	µg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208743	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 (ft)	Sample Date	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	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	—	10/11/2018	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	—	10/03/2017	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	302	—	—	2	µg/L	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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	—	10/11/2018	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	—	10/03/2017	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.63	—	—	0.2	µg/L	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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	—	10/11/2018	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	—	10/03/2017	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	6.38	2.4	8.97	—	pCi/L	Y	U	U	2018-129	CAWR-18-147311	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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	—	10/11/2018	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	—	10/03/2017	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00984	0.0492	—	pCi/L	Y	U	U	2018-129	CAWR-18-147311	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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	—	10/11/2018	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	—	10/03/2017	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00568	0.0133	0.0638	—	pCi/L	Y	U	U	2018-129	CAWR-18-147311	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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	—	10/11/2018	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	—	10/03/2017	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.3	—	—	0.05	mg/L	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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	—	10/11/2018	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	—	10/03/2017	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12	17.7	74.1	—	pCi/L	Y	U	U	2018-129	CAWR-18-147311	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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	—	10/12/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	—	10/01/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	—	10/07/2019	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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	—	10/11/2018	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	—	10/03/2017	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	47.8	—	—	0.053	mg/L	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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	—	10/11/2018	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	—	10/03/2017	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	27.2	—	—	0.1	mg/L	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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

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 (ft)	Sample Date	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	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	—	10/11/2018	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
Sacred Spring	—	10/03/2017	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.588	1.55	6.27	—	pCi/L	Y	U	U	2018-129	CAWR-18-147311	GELC
Sacred Spring	—	10/12/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	386	—	—	1	µScm	Y	—	NQ	N3B-2022-64	CAWR-22-234632	GELC
Sacred Spring	—	10/01/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	290	—	—	1	µScm	Y	—	NQ	N3B-2021-13	CAWR-21-208743	GELC
Sacred Spring	—	10/07/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	337	—	—	1	µScm	Y	—	NQ	N3B-2020-47	CAWR-20-186491	GELC
Sacred Spring	—	10/11/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	423	—	—	1	µScm	Y	—	NQ	N3B-2019-117	CAWR-19-162032	GELC
Sacred Spring	—	10/03/2017	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	370	—	—	1	µScm	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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	—	10/11/2018	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	—	10/03/2017	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	512	—	—	1	µg/L	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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	—	10/11/2018	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	—	10/03/2017	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.184	0.122	0.483	—	pCi/L	Y	U	U	2018-129	CAWR-18-147311	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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	—	10/11/2018	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	—	10/03/2017	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.48	—	—	0.133	mg/L	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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	—	10/11/2018	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	—	10/03/2017	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	224	—	—	3.4	mg/L	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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	—	10/11/2018	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	—	10/03/2017	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	3.63	—	—	0.33	mg/L	Y	—	NQ	2018-129	CAWR-18-147311	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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	—	10/11/2018	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	—	10/03/2017	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.251	0.855	2.912	—	pCi/L	Y	U*	U	2018-214	CAWR-18-147311	ARSL
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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	—	10/11/2018	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	—	10/03/2017	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.621	—	—	0.067	µg/L	Y	—	NQ	2018-129	CAWR-18-147289	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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	—	10/11/2018	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	—	10/03/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.558	0.0534	0.0905	—	pCi/L	Y	—	NQ	2018-129	CAWR-18-147311	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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	—	10/11/2018	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	—	10/03/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0627	0.0224	0.0966	—	pCi/L	Y	U	U	2018-129	CAWR-18-147311	GELC
Sacred Spring	—	10/12/2021	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

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 (ft)	Sample Date	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	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	—	10/07/2019	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	—	10/11/2018	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	—	10/03/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.321	0.0405	0.0876	—	pCi/L	Y	—	NQ	2018-129	CAWR-18-147311	GELC
Sacred Spring	—	10/12/2021	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	—	10/01/2020	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	—	10/07/2019	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
Sacred Spring	—	10/11/2018	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	—	10/03/2017	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.36	—	—	1	µg/L	Y	J	J	2018-129	CAWR-18-147289	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.91	—	—	0.01	SU	Y	H	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	0.01	SU	Y	H	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	105	—	—	1.45	mg/L	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	106	—	—	1.45	mg/L	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00899	0.0324	0.158	—	pCi/L	Y	U	U	2018-366	CAWR-18-147356	GELC
Spring 1	—	10/10/2017	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0221	0.0104	0.0485	—	pCi/L	Y	U	U	2018-366	CAWR-18-147725	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	5.11	—	—	2	µg/L	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	Y	5.05	—	—	2	µg/L	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	30.5	—	—	1	µg/L	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	31	—	—	1	µg/L	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	40.3	—	—	15	µg/L	Y	J	J	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	40.2	—	—	15	µg/L	Y	J	J	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.8	—	—	0.05	mg/L	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.8	—	—	0.05	mg/L	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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

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 (ft)	Sample Date	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.704	1.4	5.36	—	pCi/L	Y	U	U	2018-366	CAWR-18-147356	GELC
Spring 1	—	10/10/2017	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.636	1.46	5.67	—	pCi/L	Y	U	U	2018-366	CAWR-18-147725	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.43	—	—	0.067	mg/L	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.44	—	—	0.067	mg/L	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	5.22	—	—	3	µg/L	Y	J	J	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	F	INIT	FD	Inorganic	SW-846:6020	Chromium	Cr	Y	5.22	—	—	3	µg/L	Y	J	J	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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
Spring 1	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.375	1.09	4.33	—	pCi/L	Y	U	U	2018-366	CAWR-18-147356	GELC
Spring 1	—	10/10/2017	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.8	1.55	5.3	—	pCi/L	Y	U	U	2018-366	CAWR-18-147725	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.511	—	—	0.033	mg/L	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.532	—	—	0.033	mg/L	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.33	1.04	2.68	—	pCi/L	Y	—	NQ	2018-366	CAWR-18-147356	GELC
Spring 1	—	10/10/2017	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	Y	3.62	1.13	2.82	—	pCi/L	Y	—	NQ	2018-366	CAWR-18-147725	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.1	0.832	2.29	—	pCi/L	Y	—	NQ	2018-366	CAWR-18-147356	GELC
Spring 1	—	10/10/2017	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	0.281	0.626	2.21	—	pCi/L	Y	U	U	2018-366	CAWR-18-147725	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	46.7	—	—	0.453	mg/L	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	46.8	—	—	0.453	mg/L	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.17	—	—	0.11	mg/L	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.19	—	—	0.11	mg/L	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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

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 (ft)	Sample Date	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	2.67	—	—	0.2	µg/L	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	2.62	—	—	0.2	µg/L	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.23	2.52	10.2	—	pCi/L	Y	U	U	2018-366	CAWR-18-147356	GELC
Spring 1	—	10/10/2017	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.02	2.56	8.83	—	pCi/L	Y	U	U	2018-366	CAWR-18-147725	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.365	—	—	0.017	mg/L	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.38	—	—	0.017	mg/L	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.316	—	—	0.05	µg/L	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.318	—	—	0.05	µg/L	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0153	0.0306	0.133	—	pCi/L	Y	U	U	2018-366	CAWR-18-147356	GELC
Spring 1	—	10/10/2017	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00435	0.0226	0.0753	—	pCi/L	Y	U	U	2018-366	CAWR-18-147725	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00765	0.0276	0.172	—	pCi/L	Y	U	U	2018-366	CAWR-18-147356	GELC
Spring 1	—	10/10/2017	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0304	0.0157	0.0976	—	pCi/L	Y	U	U	2018-366	CAWR-18-147725	GELC
Spring 1	—	10/07/2021	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
Spring 1	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.2	—	—	0.05	mg/L	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.18	—	—	0.05	mg/L	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	39.5	23.7	39.3	—	pCi/L	Y	UI	U	2018-366	CAWR-18-147356	GELC
Spring 1	—	10/10/2017	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-16.3	20.8	76	—	pCi/L	Y	U	U	2018-366	CAWR-18-147725	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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	—	10/07/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	—	10/06/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	—	10/08/2019	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.665	0.241	—	—	pCi/L	Y	—	NQ	N3B-2020-74	CAWR-20-186514	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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

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 (ft)	Sample Date	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	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	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	31.3	—	—	0.053	mg/L	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	31.6	—	—	0.053	mg/L	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	31.8	—	—	0.1	mg/L	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	32.5	—	—	0.1	mg/L	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.464	1.42	5.43	—	pCi/L	Y	U	U	2018-366	CAWR-18-147356	GELC
Spring 1	—	10/10/2017	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.627	1.71	5.53	—	pCi/L	Y	U	U	2018-366	CAWR-18-147725	GELC
Spring 1	—	10/07/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	251	—	—	1	µScm	Y	—	NQ	N3B-2022-49	CAWR-22-234636	GELC
Spring 1	—	10/06/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	205	—	—	1	µScm	Y	—	NQ	N3B-2021-32	CAWR-21-208748	GELC
Spring 1	—	10/08/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	193	—	—	1	µScm	Y	—	NQ	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/02/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	216	—	—	1	µScm	Y	—	NQ	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/10/2017	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	248	—	—	1	µScm	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	241	—	—	1	µScm	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	203	—	—	1	µg/L	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	202	—	—	1	µg/L	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.00913	0.125	0.473	—	pCi/L	Y	U	U	2018-366	CAWR-18-147356	GELC
Spring 1	—	10/10/2017	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0612	0.132	0.492	—	pCi/L	Y	U	U	2018-366	CAWR-18-147725	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	8.53	—	—	0.133	mg/L	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	8.39	—	—	0.133	mg/L	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	120	—	—	3.4	mg/L	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	111	—	—	3.4	mg/L	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	1.23	—	—	0.33	mg/L	Y	—	NQ	2018-366	CAWR-18-147356	GELC
Spring 1	—	10/10/2017	UF	INIT	FD	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	1.07	—	—	0.33	mg/L	Y	—	NQ	2018-366	CAWR-18-147725	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 (ft)	Sample Date	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	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	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.179	0.764	2.583	—	pCi/L	Y	U	U	2018-405	CAWR-18-147356	ARSL
Spring 1	—	10/10/2017	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.833	0.673	2.191	—	pCi/L	Y	U	U	2018-405	CAWR-18-147725	ARSL
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	2.34	—	—	0.067	µg/L	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	2.4	—	—	0.067	µg/L	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.91	0.13	0.184	—	pCi/L	Y	—	NQ	2018-366	CAWR-18-147356	GELC
Spring 1	—	10/10/2017	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.72	0.091	0.0979	—	pCi/L	Y	—	NQ	2018-366	CAWR-18-147725	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.204	0.0514	0.195	—	pCi/L	Y	—	NQ	2018-366	CAWR-18-147356	GELC
Spring 1	—	10/10/2017	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.166	0.0348	0.104	—	pCi/L	Y	—	NQ	2018-366	CAWR-18-147725	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.824	0.0872	0.178	—	pCi/L	Y	—	NQ	2018-366	CAWR-18-147356	GELC
Spring 1	—	10/10/2017	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.814	0.0631	0.0947	—	pCi/L	Y	—	NQ	2018-366	CAWR-18-147725	GELC
Spring 1	—	10/07/2021	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	—	10/06/2020	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	—	10/08/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	17.3	—	—	1	µg/L	Y	—	NQ	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	16.8	—	—	1	µg/L	Y	—	NQ	2018-366	CAWR-18-147723	GELC
Spring 1	—	10/07/2021	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	5.19	—	—	3.3	µg/L	Y	J	J	N3B-2022-49	CAWR-22-234636	GELC
Spring 1	—	10/06/2020	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	5.57	—	—	3.3	µg/L	Y	J	J	N3B-2021-32	CAWR-21-208748	GELC
Spring 1	—	10/08/2019	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2020-74	CAWR-20-186513	GELC
Spring 1	—	10/02/2018	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-16	CAWR-19-162042	GELC
Spring 1	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2018-366	CAWR-18-147291	GELC
Spring 1	—	10/10/2017	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2018-366	CAWR-18-147723	GELC
Spring 2	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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	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	—	10/09/2015	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	—	10/29/2014	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.07	—	—	0.01	SU	Y	H	NQ	2015-187	CAWR-14-89235	GELC
Spring 2	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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	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	—	10/09/2015	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	—	10/29/2014	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	112	—	—	0.725	mg/L	Y	—	NQ	2015-187	CAWR-14-89235	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 (ft)	Sample Date	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	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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	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	—	10/09/2015	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	—	10/29/2014	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00533	0.0557	—	pCi/L	Y	U	U	2015-187	CAWR-14-89231	GELC
Spring 2	—	04/20/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0436	—	—	0.017	mg/L	Y	J	J+	N3B-2022-1353	CAWR-22-248719	GELC
Spring 2	—	10/10/2017	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0439	—	—	0.017	mg/L	Y	J	U	2018-366	CAWR-18-147760	GELC
Spring 2	—	10/11/2016	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0857	—	—	0.017	mg/L	Y	—	U	2017-92	CAWR-16-126351	GELC
Spring 2	—	10/11/2016	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.149	—	—	0.017	mg/L	Y	—	U	2017-92	CAWR-16-126288	GELC
Spring 2	—	10/09/2015	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0174	—	—	0.017	mg/L	Y	J	J	2016-38	CAWR-16-104443	GELC
Spring 2	—	10/29/2014	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.127	—	—	0.017	mg/L	Y	—	J	2015-187	CAWR-14-89235	GELC
Spring 2	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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	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	—	10/09/2015	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	—	10/29/2014	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	4.13	—	—	1.7	µg/L	Y	J	J	2015-187	CAWR-14-89235	GELC
Spring 2	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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	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	—	10/09/2015	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	—	10/29/2014	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23.4	—	—	1	µg/L	Y	—	NQ	2015-187	CAWR-14-89235	GELC
Spring 2	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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	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	—	10/09/2015	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	—	10/29/2014	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	41.2	—	—	15	µg/L	Y	J	J	2015-187	CAWR-14-89235	GELC
Spring 2	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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	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	—	10/09/2015	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	—	10/29/2014	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.6	—	—	0.05	mg/L	Y	—	NQ	2015-187	CAWR-14-89235	GELC
Spring 2	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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	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	—	10/09/2015	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	—	10/29/2014	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.78	1.96	6.47	—	pCi/L	Y	U	U	2015-187	CAWR-14-89231	GELC
Spring 2	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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	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	—	10/09/2015	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	—	10/29/2014	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.98	—	—	0.067	mg/L	Y	—	NQ	2015-187	CAWR-14-89235	GELC
Spring 2	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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	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	—	10/09/2015	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	—	10/29/2014	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0359	1.97	6.48	—	pCi/L	Y	U	U	2015-187	CAWR-14-89231	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 (ft)	Sample Date	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	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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	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	—	10/09/2015	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	—	10/29/2014	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.479	—	—	0.033	mg/L	Y	—	NQ	2015-187	CAWR-14-89235	GELC
Spring 2	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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	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	—	10/09/2015	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	—	10/29/2014	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.25	0.627	1.77	—	pCi/L	Y	—	NQ	2015-187	CAWR-14-89231	GELC
Spring 2	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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	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	—	10/09/2015	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	—	10/29/2014	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.72	0.612	1.81	—	pCi/L	Y	—	NQ	2015-187	CAWR-14-89231	GELC
Spring 2	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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	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	—	10/09/2015	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	38.7	—	—	0.453	mg/L	Y	—	NQ	2016-38	CAWR-16-104443	GELC
Spring 2	—	10/29/2014	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	39.3	—	—	0.453	mg/L	Y	—	NQ	2015-187	CAWR-14-89235	GELC
Spring 2	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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	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	—	10/09/2015	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	—	10/29/2014	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	55.1	—	—	30	µg/L	Y	J	J	2015-187	CAWR-14-89235	GELC
Spring 2	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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	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	—	10/09/2015	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	—	10/29/2014	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	0.702	—	—	0.11	mg/L	Y	—	NQ	2015-187	CAWR-14-89235	GELC
Spring 2	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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	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	—	10/09/2015	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	—	10/29/2014	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	9.41	—	—	2	µg/L	Y	J	J	2015-187	CAWR-14-89235	GELC
Spring 2	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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	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	—	10/09/2015	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	—	10/29/2014	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	3.14	—	—	0.165	µg/L	Y	—	NQ	2015-187	CAWR-14-89235	GELC
Spring 2	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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	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	—	10/09/2015	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	—	10/29/2014	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.16	3.77	12.7	—	pCi/L	Y	U	U	2015-187	CAWR-14-89231	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 (ft)	Sample Date	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	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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	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	—	10/09/2015	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	—	10/29/2014	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.169	—	—	0.05	µg/L	Y	J	J	2015-187	CAWR-14-89235	GELC
Spring 2	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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	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	—	10/09/2015	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	—	10/29/2014	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00625	0.00644	0.0311	—	pCi/L	Y	U	U	2015-187	CAWR-14-89231	GELC
Spring 2	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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	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	—	10/09/2015	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	—	10/29/2014	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.011	0.00609	0.0461	—	pCi/L	Y	U	U	2015-187	CAWR-14-89231	GELC
Spring 2	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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	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	—	10/09/2015	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	—	10/29/2014	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.13	—	—	0.05	mg/L	Y	—	NQ	2015-187	CAWR-14-89235	GELC
Spring 2	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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
Spring 2	—	10/11/2016	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	—	10/09/2015	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	—	10/29/2014	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	7.7	18.8	72.8	—	pCi/L	Y	U	U	2015-187	CAWR-14-89231	GELC
Spring 2	—	04/20/2022	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	—	04/20/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	—	04/20/2022	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	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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	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	—	10/09/2015	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	—	10/29/2014	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	31.6	—	—	0.053	mg/L	Y	—	NQ	2015-187	CAWR-14-89235	GELC
Spring 2	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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	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	—	10/09/2015	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	—	10/29/2014	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	39.6	—	—	0.1	mg/L	Y	—	NQ	2015-187	CAWR-14-89235	GELC
Spring 2	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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	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	—	10/09/2015	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	—	10/29/2014	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.43	1.58	6.63	—	pCi/L	Y	U	U	2015-187	CAWR-14-89231	GELC
Spring 2	—	04/20/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	278	—	—	1	µScm	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC
Spring 2	—	10/10/2017	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	533	—	—	1	µScm	Y	—	NQ	2018-366	CAWR-18-147760	GELC
Spring 2	—	10/11/2016	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	217	—	—	1	µScm	Y	—	NQ	2017-92	CAWR-16-126351	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 (ft)	Sample Date	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	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	214	—	—	1	µScm	Y	—	NQ	2017-92	CAWR-16-126288	GELC
Spring 2	—	10/09/2015	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	221	—	—	3.63	µScm	Y	—	NQ	2016-38	CAWR-16-104443	GELC
Spring 2	—	10/29/2014	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	223	—	—	3.63	µScm	Y	—	NQ	2015-187	CAWR-14-89235	GELC
Spring 2	—	04/20/2022	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	176	—	—	1	µg/L	Y	—	NQ	2018-366	CAWR-18-147760	GELC
Spring 2	—	10/11/2016	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	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	179	—	—	1	µg/L	Y	—	NQ	2017-92	CAWR-16-126288	GELC
Spring 2	—	10/09/2015	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	183	—	—	1	µg/L	Y	—	NQ	2016-38	CAWR-16-104443	GELC
Spring 2	—	10/29/2014	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	186	—	—	1	µg/L	Y	—	NQ	2015-187	CAWR-14-89235	GELC
Spring 2	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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	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	—	10/09/2015	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	—	10/29/2014	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.183	0.127	0.495	—	pCi/L	Y	U	U	2015-187	CAWR-14-89231	GELC
Spring 2	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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	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	—	10/09/2015	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	—	10/29/2014	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.04	—	—	0.133	mg/L	Y	—	NQ	2015-187	CAWR-14-89235	GELC
Spring 2	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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	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	—	10/09/2015	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	—	10/29/2014	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	113	—	—	3.4	mg/L	Y	—	J	2015-187	CAWR-14-89235	GELC
Spring 2	—	04/20/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.197	—	—	0.033	mg/L	Y	—	J+	N3B-2022-1353	CAWR-22-248720	GELC
Spring 2	—	10/10/2017	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2018-366	CAWR-18-147758	GELC
Spring 2	—	10/11/2016	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0901	—	—	0.033	mg/L	Y	J	J	2017-92	CAWR-16-126325	GELC
Spring 2	—	10/11/2016	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2017-92	CAWR-16-126285	GELC
Spring 2	—	10/09/2015	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2016-38	CAWR-16-104425	GELC
Spring 2	—	10/29/2014	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.21	—	—	0.033	mg/L	Y	—	NQ	2015-187	CAWR-14-89231	GELC
Spring 2	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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	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
Spring 2	—	10/09/2015	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	—	10/29/2014	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	1.23	—	—	0.33	mg/L	Y	—	J-	2015-187	CAWR-14-89231	GELC
Spring 2	—	04/20/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0719	—	—	0.02	mg/L	Y	—	NQ	N3B-2022-1353	CAWR-22-248719	GELC
Spring 2	—	10/10/2017	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.105	—	—	0.02	mg/L	Y	—	NQ	2018-366	CAWR-18-147760	GELC
Spring 2	—	10/11/2016	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0384	—	—	0.02	mg/L	Y	J	J	2017-92	CAWR-16-126351	GELC
Spring 2	—	10/11/2016	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0302	—	—	0.02	mg/L	Y	J	J	2017-92	CAWR-16-126288	GELC
Spring 2	—	10/09/2015	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0445	—	—	0.017	mg/L	Y	J	U	2016-38	CAWR-16-104443	GELC
Spring 2	—	10/29/2014	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.017	mg/L	Y	U	U	2015-187	CAWR-14-89235	GELC
Spring 2	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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	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	—	10/09/2015	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	—	10/29/2014	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	3.08	—	—	0.067	µg/L	Y	—	J	2015-187	CAWR-14-89235	GELC
Spring 2	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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

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 (ft)	Sample Date	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	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	—	10/09/2015	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	—	10/29/2014	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	2.01	0.0843	0.0719	—	pCi/L	Y	—	NQ	2015-187	CAWR-14-89231	GELC
Spring 2	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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	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	—	10/09/2015	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	—	10/29/2014	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0651	0.0189	0.0626	—	pCi/L	Y	—	NQ	2015-187	CAWR-14-89231	GELC
Spring 2	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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	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	—	10/09/2015	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	—	10/29/2014	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	1.15	0.0639	0.0689	—	pCi/L	Y	—	NQ	2015-187	CAWR-14-89231	GELC
Spring 2	—	04/20/2022	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	—	10/10/2017	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	—	10/11/2016	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	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	23	—	—	1	µg/L	Y	—	NQ	2017-92	CAWR-16-126288	GELC
Spring 2	—	10/09/2015	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	—	10/29/2014	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	26.6	—	—	1	µg/L	Y	—	NQ	2015-187	CAWR-14-89235	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-373	CAWR-18-147408	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.8	—	—	0.01	SU	Y	H	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	88.6	—	—	1.45	mg/L	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0115	0.0089	0.0403	—	pCi/L	Y	U	U	2018-458	CAWR-18-147315	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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
Spring 3	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.96	—	—	2	µg/L	Y	J	J	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	46	—	—	1	µg/L	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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	—	10/01/2019	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

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 (ft)	Sample Date	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	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	23	—	—	0.05	mg/L	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.571	0.949	3.38	—	pCi/L	Y	U	U	2018-458	CAWR-18-147315	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.18	—	—	0.067	mg/L	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	5.02	—	—	3	µg/L	Y	J	J	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.14	0.907	3.13	—	pCi/L	Y	U	U	2018-458	CAWR-18-147315	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.338	—	—	0.033	mg/L	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.11	1.03	2.74	—	pCi/L	Y	U	U	2018-458	CAWR-18-147315	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.86	0.627	2.11	—	pCi/L	Y	U	U	2018-458	CAWR-18-147315	GELC
Spring 3	—	10/04/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-43	CAWR-22-234638	GELC
Spring 3	—	10/02/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	65.5	—	—	0.453	mg/L	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.95	—	—	0.11	mg/L	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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

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 (ft)	Sample Date	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	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.0397	2.14	7.97	—	pCi/L	Y	U	U	2018-458	CAWR-18-147315	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.55	—	—	0.085	mg/L	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/11/2016	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.463	—	—	0.05	µg/L	Y	—	NQ	2017-141	CAWR-16-126352	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00225	0.00746	0.039	—	pCi/L	Y	U	U	2018-458	CAWR-18-147315	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00899	0.00841	0.0505	—	pCi/L	Y	U	U	2018-458	CAWR-18-147315	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.98	—	—	0.05	mg/L	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12.3	26.3	49.1	—	pCi/L	Y	U	U	2018-458	CAWR-18-147315	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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	—	10/01/2019	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	—	10/04/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	—	10/02/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	—	10/01/2019	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.522	0.248	—	—	pCi/L	Y	—	NQ	N3B-2020-41	CAWR-20-188068	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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	—	10/01/2019	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	—	10/04/2021	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	—	10/02/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	44.8	—	—	0.053	mg/L	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	14.8	—	—	0.1	mg/L	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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

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 (ft)	Sample Date	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	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.339	1.04	4.04	—	pCi/L	Y	U	U	2018-458	CAWR-18-147315	GELC
Spring 3	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	215	—	—	1	µScm	Y	—	NQ	N3B-2022-43	CAWR-22-234638	GELC
Spring 3	—	10/02/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	211	—	—	1	µScm	Y	—	NQ	N3B-2021-16	CAWR-21-208752	GELC
Spring 3	—	10/01/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	189	—	—	1	µScm	Y	—	NQ	N3B-2020-41	CAWR-20-186535	GELC
Spring 3	—	10/02/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	208	—	—	1	µScm	Y	—	NQ	N3B-2019-75	CAWR-19-162048	GELC
Spring 3	—	10/10/2017	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	226	—	—	1	µScm	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	239	—	—	1	µg/L	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0188	0.0911	0.353	—	pCi/L	Y	U	U	2018-458	CAWR-18-147315	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.5	—	—	0.133	mg/L	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	3.4	mg/L	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.66	—	—	0.067	µg/L	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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	—	10/01/2019	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	—	10/02/2018	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
Spring 3	—	10/10/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.35	0.0533	0.0426	—	pCi/L	Y	—	NQ	2018-458	CAWR-18-147315	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0846	0.0172	0.0453	—	pCi/L	Y	—	NQ	2018-458	CAWR-18-147315	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.66	0.0369	0.0412	—	pCi/L	Y	—	NQ	2018-458	CAWR-18-147315	GELC
Spring 3	—	10/04/2021	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	—	10/02/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	13	—	—	1	µg/L	Y	—	NQ	2018-458	CAWR-18-147293	GELC
Spring 3A	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	2.79	—	—	1.74	µg/L	Y	J	J	N3B-2022-42	CAWR-22-234639	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 (ft)	Sample Date	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	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2020-16	CAWR-20-188069	GELC
Spring 3A	—	10/02/2018	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-19-162061	GELC
Spring 3A	—	10/10/2017	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-373	CAWR-18-147409	GELC
Spring 3A	—	10/11/2016	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	1.5	µg/L	Y	U	U	2017-99	CAWR-16-126327	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.01	—	—	0.01	SU	Y	H	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	85	—	—	1.45	mg/L	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0045	0.00901	0.0551	—	pCi/L	Y	U	U	2017-142	CAWR-16-126327	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0585	—	—	0.017	mg/L	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.98	—	—	1.7	µg/L	Y	J	J	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	32.2	—	—	1	µg/L	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	19.5	—	—	15	µg/L	Y	J	J	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.5	—	—	0.05	mg/L	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.282	1.42	5.05	—	pCi/L	Y	U	U	2017-142	CAWR-16-126327	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.53	—	—	0.067	mg/L	Y	—	NQ	2017-142	CAWR-16-126353	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 (ft)	Sample Date	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	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.98	—	—	3	µg/L	Y	J	J	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.64	1.15	5.15	—	pCi/L	Y	U	U	2017-142	CAWR-16-126327	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.362	—	—	0.033	mg/L	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.576	0.809	2.95	—	pCi/L	Y	U	U	2017-142	CAWR-16-126327	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.19	0.969	2.84	—	pCi/L	Y	—	NQ	2017-142	CAWR-16-126327	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	61.3	—	—	0.453	mg/L	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.84	—	—	0.11	mg/L	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.07	—	—	0.2	µg/L	Y	—	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/11/2016	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.18	—	—	0.3	µg/L	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.228	2.69	8.84	—	pCi/L	Y	U	U	2017-142	CAWR-16-126327	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.1	—	—	0.017	mg/L	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/11/2016	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

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 (ft)	Sample Date	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	—	10/08/2015	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.473	—	—	0.05	µg/L	Y	—	NQ	2016-39	CAWR-16-104444	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00936	0.00811	0.0465	—	pCi/L	Y	U	U	2017-142	CAWR-16-126327	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00936	0.0081	0.0538	—	pCi/L	Y	U	U	2017-142	CAWR-16-126327	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.84	—	—	0.05	mg/L	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	37.2	20.3	41	—	pCi/L	Y	U	U	2017-142	CAWR-16-126327	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	—	10/01/2019	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.304	0.255	—	—	pCi/L	Y	—	U	N3B-2020-41	CAWR-20-188069	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	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	—	10/01/2019	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	—	10/02/2018	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
Spring 3A	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	47.8	—	—	0.053	mg/L	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15.1	—	—	0.1	mg/L	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.17	1.12	3.91	—	pCi/L	Y	U	U	2017-142	CAWR-16-126327	GELC
Spring 3A	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	206	—	—	1	µScm	Y	—	NQ	N3B-2022-42	CAWR-22-234640	GELC
Spring 3A	—	10/01/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	182	—	—	1	µScm	Y	—	NQ	N3B-2020-41	CAWR-20-186694	GELC
Spring 3A	—	10/02/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	198	—	—	1	µScm	Y	—	NQ	N3B-2019-69	CAWR-19-162060	GELC
Spring 3A	—	10/10/2017	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	217	—	—	1	µScm	Y	Q	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/11/2016	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	194	—	—	1	µScm	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	233	—	—	1	µg/L	Y	—	NQ	2018-460	CAWR-18-147294	GELC
Spring 3A	—	10/11/2016	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	250	—	—	1	µg/L	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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

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 (ft)	Sample Date	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	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	—	10/10/2017	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	—	10/11/2016	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0328	0.136	0.476	—	pCi/L	Y	U	U	2017-142	CAWR-16-126327	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.04	—	—	0.133	mg/L	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	130	—	—	3.4	mg/L	Y	—	J	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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
Spring 3A	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.591	0.543	1.783	—	pCi/L	Y	U	U	2017-166	CAWR-16-126327	ARSL
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.48	—	—	0.067	µg/L	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.8	0.0626	0.261	—	pCi/L	Y	—	J-	2017-142	CAWR-16-126327	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.0111	0.0157	0.135	—	pCi/L	Y	U	U	2017-142	CAWR-16-126327	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.44	0.0467	0.175	—	pCi/L	Y	—	J-	2017-142	CAWR-16-126327	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.4	—	—	1	µg/L	Y	—	NQ	2017-142	CAWR-16-126353	GELC
Spring 3A	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-142	CAWR-16-126353	GELC
Spring 3AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	3.78	—	—	1.74	µg/L	Y	J	J	N3B-2022-41	CAWR-22-234641	GELC
Spring 3AA	—	10/01/2019	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.88	—	—	1.5	µg/L	Y	J	U	N3B-2020-23	CAWR-20-188070	GELC
Spring 3AA	—	10/02/2018	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	3.07	—	—	1.5	µg/L	Y	J	U	N3B-2019-39	CAWR-19-162067	GELC
Spring 3AA	—	10/10/2017	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-373	CAWR-18-147410	GELC
Spring 3AA	—	10/11/2016	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	1.5	µg/L	Y	U	U	2017-99	CAWR-16-126328	GELC
Spring 3AA	—	10/04/2021	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

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 (ft)	Sample Date	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	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.08	—	—	0.01	SU	Y	H	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81	—	—	1.45	mg/L	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.005	0.00441	0.0408	—	pCi/L	Y	U	U	2017-141	CAWR-16-126328	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	6.31	—	—	2	µg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.6	—	—	1.7	µg/L	Y	J	J	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	10.9	—	—	1	µg/L	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	22	—	—	15	µg/L	Y	J	J	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.5	—	—	0.05	mg/L	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.885	1.41	5.52	—	pCi/L	Y	U	U	2017-141	CAWR-16-126328	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.46	—	—	0.067	mg/L	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.51	—	—	3	µg/L	Y	J	J	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.38	1.27	5.82	—	pCi/L	Y	U	U	2017-141	CAWR-16-126328	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 (ft)	Sample Date	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	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.37	—	—	0.033	mg/L	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.668	0.806	2.91	—	pCi/L	Y	U	U	2017-141	CAWR-16-126328	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.67	0.855	2.18	—	pCi/L	Y	—	NQ	2017-141	CAWR-16-126328	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	44.8	—	—	0.453	mg/L	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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
Spring 3AA	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	0.286	—	—	0.11	mg/L	Y	J	J	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.04	—	—	0.3	µg/L	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.87	2.42	8.34	—	pCi/L	Y	U	U	2017-141	CAWR-16-126328	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.442	—	—	0.017	mg/L	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/11/2016	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	—	09/29/2014	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.43	—	—	0.05	µg/L	Y	—	NQ	2015-20	CAWR-14-86973	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0137	0.0155	0.0453	—	pCi/L	Y	U	U	2017-141	CAWR-16-126328	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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

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 (ft)	Sample Date	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	—	10/11/2016	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00683	0.00821	0.0523	—	pCi/L	Y	U	U	2017-141	CAWR-16-126328	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.77	—	—	0.05	mg/L	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	4.62	34.7	67.7	—	pCi/L	Y	U	U	2017-141	CAWR-16-126328	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	—	10/01/2019	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.781	0.273	—	—	pCi/L	Y	—	NQ	N3B-2020-41	CAWR-20-188070	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	40.7	—	—	0.053	mg/L	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	17	—	—	0.1	mg/L	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.5	0.969	3.27	—	pCi/L	Y	U	U	2017-141	CAWR-16-126328	GELC
Spring 3AA	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	171	—	—	1	µScm	Y	—	NQ	N3B-2022-41	CAWR-22-234642	GELC
Spring 3AA	—	10/01/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	147	—	—	1	µScm	Y	—	NQ	N3B-2020-41	CAWR-20-186697	GELC
Spring 3AA	—	10/02/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	170	—	—	1	µScm	Y	—	NQ	N3B-2019-75	CAWR-19-162066	GELC
Spring 3AA	—	10/10/2017	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	179	—	—	1	µScm	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/11/2016	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	169	—	—	1	µScm	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	149	—	—	1	µg/L	Y	—	NQ	2018-458	CAWR-18-147295	GELC
Spring 3AA	—	10/11/2016	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	165	—	—	1	µg/L	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0505	0.123	0.465	—	pCi/L	Y	U	U	2017-141	CAWR-16-126328	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.53	—	—	0.133	mg/L	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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

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 (ft)	Sample Date	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	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	113	—	—	3.4	mg/L	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.635	0.692	2.084	—	pCi/L	Y	U	U	2017-166	CAWR-16-126328	ARSL
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.42	—	—	0.067	µg/L	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.14	0.0546	0.149	—	pCi/L	Y	—	NQ	2017-141	CAWR-16-126328	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0443	0.0134	0.0771	—	pCi/L	Y	U	U	2017-141	CAWR-16-126328	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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
Spring 3AA	—	10/11/2016	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.745	0.044	0.0999	—	pCi/L	Y	—	NQ	2017-141	CAWR-16-126328	GELC
Spring 3AA	—	10/04/2021	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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	—	10/11/2016	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	13.6	—	—	1	µg/L	Y	—	NQ	2017-141	CAWR-16-126354	GELC
Spring 4	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	2.19	—	—	1.74	µg/L	Y	J	J	N3B-2022-41	CAWR-22-234643	GELC
Spring 4	—	10/05/2020	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2021-24	CAWR-21-208756	GELC
Spring 4	—	10/01/2019	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	7.23	—	—	1.5	µg/L	Y	J	U	N3B-2020-22	CAWR-20-188071	GELC
Spring 4	—	10/02/2018	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-19-162849	GELC
Spring 4	—	10/10/2017	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.86	—	—	1.5	µg/L	Y	J	U	2018-373	CAWR-18-147401	GELC
Spring 4	—	10/04/2021	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	—	10/05/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	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-18-147296	GELC
Spring 4	—	10/04/2021	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	—	10/05/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	92.8	—	—	1.45	mg/L	Y	Q	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/04/2021	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	—	10/05/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00926	0.00614	0.0325	—	pCi/L	Y	U	U	2018-460	CAWR-18-147318	GELC
Spring 4	—	10/04/2021	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

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 (ft)	Sample Date	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	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.63	—	—	2	µg/L	Y	J	J	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/04/2021	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	—	10/05/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	38.6	—	—	1	µg/L	Y	—	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/04/2021	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	—	10/05/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/04/2021	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	—	10/05/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.5	—	—	0.05	mg/L	Y	—	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/04/2021	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	—	10/05/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.24	1.34	5.2	—	pCi/L	Y	U	U	2018-460	CAWR-18-147318	GELC
Spring 4	—	10/04/2021	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	—	10/05/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.12	—	—	0.067	mg/L	Y	Q	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/04/2021	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	—	10/05/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	N	3	—	—	3	µg/L	Y	U	U	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/04/2021	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	—	10/05/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.857	1	4.6	—	pCi/L	Y	U	U	2018-460	CAWR-18-147318	GELC
Spring 4	—	10/04/2021	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	—	10/05/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.392	—	—	0.033	mg/L	Y	Q	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/04/2021	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	—	10/05/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.367	0.702	2.74	—	pCi/L	Y	U	U	2018-460	CAWR-18-147318	GELC
Spring 4	—	10/04/2021	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	—	10/05/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.512	0.612	2.16	—	pCi/L	Y	U	U	2018-460	CAWR-18-147318	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 (ft)	Sample Date	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	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	—	10/05/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	70.6	—	—	0.453	mg/L	Y	—	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/04/2021	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	—	10/05/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.11	—	—	0.11	mg/L	Y	—	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/04/2021	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	—	10/05/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.853	2.31	8.66	—	pCi/L	Y	U	U	2018-460	CAWR-18-147318	GELC
Spring 4	—	10/04/2021	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	—	10/05/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.33	—	—	0.085	mg/L	Y	Q	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/04/2021	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	—	10/05/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/11/2016	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.628	—	—	0.05	µg/L	Y	—	NQ	2017-142	CAWR-16-126355	GELC
Spring 4	—	10/04/2021	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	—	10/05/2020	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
Spring 4	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00207	0.00746	0.0359	—	pCi/L	Y	U	U	2018-460	CAWR-18-147318	GELC
Spring 4	—	10/04/2021	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	—	10/05/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0062	0.00853	0.0465	—	pCi/L	Y	U	U	2018-460	CAWR-18-147318	GELC
Spring 4	—	10/04/2021	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	—	10/05/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.62	—	—	0.05	mg/L	Y	—	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/04/2021	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	—	10/05/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.8	16.1	59.9	—	pCi/L	Y	U	U	2018-460	CAWR-18-147318	GELC
Spring 4	—	10/04/2021	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	—	10/05/2020	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	—	10/01/2019	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	—	10/04/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	—	10/05/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	—	10/01/2019	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.264	0.21	—	—	pCi/L	Y	—	U	N3B-2020-41	CAWR-20-188071	GELC
Spring 4	—	10/04/2021	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	—	10/05/2020	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	—	10/01/2019	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

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 (ft)	Sample Date	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	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	—	10/05/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	49.5	—	—	0.053	mg/L	Y	—	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/04/2021	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	—	10/05/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.6	—	—	0.1	mg/L	Y	—	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/04/2021	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	—	10/05/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.674	1.05	3.93	—	pCi/L	Y	U	U	2018-460	CAWR-18-147318	GELC
Spring 4	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	223	—	—	1	µScm	Y	—	NQ	N3B-2022-41	CAWR-22-234644	GELC
Spring 4	—	10/05/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	207	—	—	1	µScm	Y	—	NQ	N3B-2021-24	CAWR-21-208755	GELC
Spring 4	—	10/01/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	197	—	—	1	µScm	Y	—	NQ	N3B-2020-41	CAWR-20-186701	GELC
Spring 4	—	10/02/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	217	—	—	1	µScm	Y	—	NQ	N3B-2019-69	CAWR-19-162069	GELC
Spring 4	—	10/10/2017	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	226	—	—	1	µScm	Y	Q	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/04/2021	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	—	10/05/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	127	—	—	1	µg/L	Y	—	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/04/2021	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	—	10/05/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0462	0.0779	0.32	—	pCi/L	Y	U	U	2018-460	CAWR-18-147318	GELC
Spring 4	—	10/04/2021	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	—	10/05/2020	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	—	10/01/2019	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
Spring 4	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.2	—	—	0.133	mg/L	Y	Q	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/04/2021	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	—	10/05/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	—	3.4	mg/L	Y	Q	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/04/2021	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	—	10/05/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.768	—	—	0.067	µg/L	Y	—	NQ	2018-460	CAWR-18-147296	GELC
Spring 4	—	10/04/2021	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	—	10/05/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.633	0.0391	0.0492	—	pCi/L	Y	—	NQ	2018-460	CAWR-18-147318	GELC
Spring 4	—	10/04/2021	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	—	10/05/2020	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	—	10/01/2019	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	—	10/02/2018	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

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 (ft)	Sample Date	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	—	10/10/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0374	0.0119	0.0524	—	pCi/L	Y	U	U	2018-460	CAWR-18-147318	GELC
Spring 4	—	10/04/2021	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	—	10/05/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.323	0.0284	0.0476	—	pCi/L	Y	—	NQ	2018-460	CAWR-18-147318	GELC
Spring 4	—	10/04/2021	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	—	10/05/2020	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	—	10/01/2019	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	—	10/02/2018	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	—	10/10/2017	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	8.66	—	—	1	µg/L	Y	—	NQ	2018-460	CAWR-18-147296	GELC
Spring 4A	—	10/04/2021	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-2022-40	CAWR-22-234646	GELC
Spring 4A	—	10/01/2019	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-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/03/2018	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-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/11/2017	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	—	0.01	SU	Y	HQ	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	0.01	SU	Y	H	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234646	GELC
Spring 4A	—	10/01/2019	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	85	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/03/2018	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/11/2017	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	85.4	—	—	1.45	mg/L	Y	Q	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86	—	—	1.45	mg/L	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00765	0.0143	0.116	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC
Spring 4A	—	10/01/2019	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00239	0.00716	0.0323	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	—	10/03/2018	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0126	0.00891	0.0501	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162077	GELC
Spring 4A	—	10/11/2017	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00462	0.00566	0.0405	—	pCi/L	Y	U	U	2018-459	CAWR-18-147319	GELC
Spring 4A	—	10/12/2016	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0218	0.0068	0.0444	—	pCi/L	Y	U	U	2017-140	CAWR-16-126330	GELC
Spring 4A	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0211	—	—	0.017	mg/L	Y	J	J	N3B-2022-40	CAWR-22-234646	GELC
Spring 4A	—	10/01/2019	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/03/2018	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0176	—	—	0.017	mg/L	Y	J	J	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/11/2017	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-18-147297	GELC
Spring 4A	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.075	—	—	0.017	mg/L	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.33	—	—	2	µg/L	Y	J	J	N3B-2022-40	CAWR-22-234646	GELC
Spring 4A	—	10/01/2019	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.67	—	—	2	µg/L	Y	J	J	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/03/2018	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	4.61	—	—	2	µg/L	Y	J	J	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/11/2017	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.86	—	—	2	µg/L	Y	J	J	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.36	—	—	1.7	µg/L	Y	J	J	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	42.9	—	—	1	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234646	GELC
Spring 4A	—	10/01/2019	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	41.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/03/2018	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	45.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/11/2017	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	41.3	—	—	1	µg/L	Y	—	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	41.7	—	—	1	µg/L	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	23.1	—	—	15	µg/L	Y	J	J	N3B-2022-40	CAWR-22-234646	GELC
Spring 4A	—	10/01/2019	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	22.3	—	—	15	µg/L	Y	J	J	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/03/2018	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	24.7	—	—	15	µg/L	Y	J	U	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/11/2017	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	20.7	—	—	15	µg/L	Y	J	J	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	21.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234646	GELC
Spring 4A	—	10/01/2019	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	20.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/03/2018	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/11/2017	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	20.7	—	—	0.05	mg/L	Y	—	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	20.6	—	—	0.05	mg/L	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.3	1.49	6.08	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC
Spring 4A	—	10/01/2019	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.23	1.13	5.06	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	—	10/03/2018	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.48	1.18	3.86	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162077	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 (ft)	Sample Date	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 4A	—	10/11/2017	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.34	1.17	3.92	—	pCi/L	Y	U	U	2018-459	CAWR-18-147319	GELC
Spring 4A	—	10/12/2016	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.32	1.41	5.01	—	pCi/L	Y	U	U	2017-140	CAWR-16-126330	GELC
Spring 4A	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.89	—	—	0.067	mg/L	Y	—	J+	N3B-2022-40	CAWR-22-234646	GELC
Spring 4A	—	10/01/2019	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.86	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/03/2018	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.77	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/11/2017	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.78	—	—	0.067	mg/L	Y	Q	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.79	—	—	0.067	mg/L	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.71	—	—	3	µg/L	Y	J	J	N3B-2022-40	CAWR-22-234646	GELC
Spring 4A	—	10/01/2019	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.04	—	—	3	µg/L	Y	J	J	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/03/2018	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.54	—	—	3	µg/L	Y	J	J	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/11/2017	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.78	—	—	3	µg/L	Y	J	J	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.02	—	—	3	µg/L	Y	J	J	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.448	1.82	6.77	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC
Spring 4A	—	10/01/2019	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.21	1.05	4.77	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	—	10/03/2018	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0134	1.11	4.27	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162077	GELC
Spring 4A	—	10/11/2017	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.412	1.31	5.47	—	pCi/L	Y	U	U	2018-459	CAWR-18-147319	GELC
Spring 4A	—	10/12/2016	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.89	1.52	6.86	—	pCi/L	Y	U	U	2017-140	CAWR-16-126330	GELC
Spring 4A	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.371	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234646	GELC
Spring 4A	—	10/01/2019	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.529	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/03/2018	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.488	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/11/2017	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.434	—	—	0.033	mg/L	Y	Q	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.392	—	—	0.033	mg/L	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.21	0.745	2.38	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234645	GELC
Spring 4A	—	10/01/2019	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2	0.97	2.9	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	—	10/03/2018	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	9.55	1.65	2.84	—	pCi/L	Y	—	NQ	N3B-2019-76	CAWR-19-162077	GELC
Spring 4A	—	10/11/2017	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.00199	0.661	2.95	—	pCi/L	Y	U	U	2018-459	CAWR-18-147319	GELC
Spring 4A	—	10/12/2016	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0496	0.745	2.88	—	pCi/L	Y	U	U	2017-140	CAWR-16-126330	GELC
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.43	0.791	2.29	—	pCi/L	Y	—	J	N3B-2022-40	CAWR-22-234645	GELC
Spring 4A	—	10/01/2019	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	48.5	2.25	2.95	—	pCi/L	Y	—	NQ	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	—	10/03/2018	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.56	0.975	2.57	—	pCi/L	Y	—	NQ	N3B-2019-76	CAWR-19-162077	GELC
Spring 4A	—	10/11/2017	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.01	0.631	2.09	—	pCi/L	Y	U	U	2018-459	CAWR-18-147319	GELC
Spring 4A	—	10/12/2016	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.91	0.836	2.58	—	pCi/L	Y	U	U	2017-140	CAWR-16-126330	GELC
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	74	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234646	GELC
Spring 4A	—	10/01/2019	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	70.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/03/2018	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	80.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/11/2017	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	70	—	—	0.453	mg/L	Y	—	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/12/2016	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	71	—	—	0.453	mg/L	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	4.95	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234646	GELC
Spring 4A	—	10/01/2019	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.67	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/03/2018	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.71	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/11/2017	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.46	—	—	0.11	mg/L	Y	—	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.73	—	—	0.11	mg/L	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.821	2.09	7.97	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC
Spring 4A	—	10/01/2019	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.0901	1.99	7.45	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	—	10/03/2018	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.869	1.91	7.22	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162077	GELC
Spring 4A	—	10/11/2017	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.478	2.65	9.96	—	pCi/L	Y	U	U	2018-459	CAWR-18-147319	GELC
Spring 4A	—	10/12/2016	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.86	2.66	9.33	—	pCi/L	Y	U	U	2017-140	CAWR-16-126330	GELC
Spring 4A	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.2	—	—	0.085	mg/L	Y	—	J-	N3B-2022-40	CAWR-22-234646	GELC
Spring 4A	—	10/01/2019	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.11	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/03/2018	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-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/11/2017	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.34	—	—	0.085	mg/L	Y	Q	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.18	—	—	0.017	mg/L	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/04/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.594	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234646	GELC
Spring 4A	—	10/01/2019	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.603	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186704	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 (ft)	Sample Date	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 4A	—	10/03/2018	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.575	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/12/2016	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.563	—	—	0.05	µg/L	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/08/2015	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.604	—	—	0.05	µg/L	Y	—	NQ	2016-39	CAWR-16-104446	GELC
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0102	0.00843	0.0449	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234645	GELC
Spring 4A	—	10/01/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00673	0.00634	0.0467	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	—	10/03/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0133	0.00829	0.0384	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162077	GELC
Spring 4A	—	10/11/2017	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00882	0.0117	0.0382	—	pCi/L	Y	U	U	2018-459	CAWR-18-147319	GELC
Spring 4A	—	10/12/2016	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0249	0.0122	0.0495	—	pCi/L	Y	U	U	2017-140	CAWR-16-126330	GELC
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00764	0.0447	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234645	GELC
Spring 4A	—	10/01/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00896	0.00672	0.0505	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	—	10/03/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0199	0.00966	0.0423	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162077	GELC
Spring 4A	—	10/11/2017	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0243	0.0115	0.0496	—	pCi/L	Y	U	U	2018-459	CAWR-18-147319	GELC
Spring 4A	—	10/12/2016	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00249	0.00556	0.0572	—	pCi/L	Y	U	U	2017-140	CAWR-16-126330	GELC
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	2.12	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234646	GELC
Spring 4A	—	10/01/2019	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/03/2018	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.22	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/11/2017	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.14	—	—	0.05	mg/L	Y	—	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.26	—	—	0.05	mg/L	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-26.4	21.7	68.8	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC
Spring 4A	—	10/01/2019	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-14.8	16.9	61.6	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	—	10/03/2018	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	21.9	16.9	41.6	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162077	GELC
Spring 4A	—	10/11/2017	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-7.08	18.9	71.6	—	pCi/L	Y	U	U	2018-459	CAWR-18-147319	GELC
Spring 4A	—	10/12/2016	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-31.3	18.8	64	—	pCi/L	Y	U	U	2017-140	CAWR-16-126330	GELC
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0254	0.105	0.41	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC
Spring 4A	—	10/01/2019	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.159	0.137	0.488	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.0427	0.163	—	—	pCi/L	Y	—	U	N3B-2022-40	CAWR-22-234645	GELC
Spring 4A	—	10/01/2019	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.177	0.217	—	—	pCi/L	Y	—	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0173	0.125	0.473	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC
Spring 4A	—	10/01/2019	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0179	0.169	0.619	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	68.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234646	GELC
Spring 4A	—	10/01/2019	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/03/2018	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/11/2017	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	63	—	—	0.053	mg/L	Y	—	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.8	—	—	0.053	mg/L	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234646	GELC
Spring 4A	—	10/01/2019	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/03/2018	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/11/2017	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.5	—	—	0.1	mg/L	Y	—	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.07	1.38	5.99	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234645	GELC
Spring 4A	—	10/01/2019	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0443	1.02	4.09	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	—	10/03/2018	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.351	1.22	4.53	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162077	GELC
Spring 4A	—	10/11/2017	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.39	1.16	4.95	—	pCi/L	Y	U	U	2018-459	CAWR-18-147319	GELC
Spring 4A	—	10/12/2016	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.03	1.37	4.89	—	pCi/L	Y	U	U	2017-140	CAWR-16-126330	GELC
Spring 4A	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	221	—	—	1	µScm	Y	—	NQ	N3B-2022-40	CAWR-22-234646	GELC
Spring 4A	—	10/01/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	181	—	—	1	µScm	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/03/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	204	—	—	1	µScm	Y	—	NQ	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/11/2017	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	217	—	—	1	µScm	Y	Q	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	204	—	—	1	µScm	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	100	—	—	1	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234646	GELC
Spring 4A	—	10/01/2019	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	98	—	—	1	µg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/03/2018	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	102	—	—	1	µg/L	Y	—	J+	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/11/2017	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	100	—	—	1	µg/L	Y	—	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	106	—	—	1	µg/L	Y	—	NQ	2017-140	CAWR-16-126356	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 (ft)	Sample Date	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 4A	—	10/04/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.184	0.139	0.469	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234645	GELC
Spring 4A	—	10/01/2019	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.202	0.0824	0.268	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	—	10/03/2018	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.171	0.118	0.491	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162077	GELC
Spring 4A	—	10/11/2017	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.109	0.0867	0.376	—	pCi/L	Y	U	U	2018-459	CAWR-18-147319	GELC
Spring 4A	—	10/12/2016	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.278	0.142	0.46	—	pCi/L	Y	U	U	2017-140	CAWR-16-126330	GELC
Spring 4A	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.31	—	—	0.133	mg/L	Y	—	J+	N3B-2022-40	CAWR-22-234646	GELC
Spring 4A	—	10/01/2019	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.11	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/03/2018	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.08	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/11/2017	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.16	—	—	0.133	mg/L	Y	Q	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.06	—	—	0.133	mg/L	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	177	—	—	3.4	mg/L	Y	—	J	N3B-2022-40	CAWR-22-234646	GELC
Spring 4A	—	10/01/2019	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	—	3.4	mg/L	Y	H	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/03/2018	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	183	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/11/2017	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	170	—	—	3.4	mg/L	Y	Q	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	131	—	—	3.4	mg/L	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.703	0.855	2.901	—	pCi/L	Y	U	UJ	N3B-2022-120	CAWR-22-234645	ARSL
Spring 4A	—	10/01/2019	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.188	0.899	2.701	—	pCi/L	Y	U	U	N3B-2020-89	CAWR-20-188072	ARSL
Spring 4A	—	10/03/2018	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.2	0.9	2.703	—	pCi/L	Y	U	U	N3B-2019-89	CAWR-19-162077	ARSL
Spring 4A	—	10/11/2017	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.54	0.755	2.512	—	pCi/L	Y	U	U	2018-475	CAWR-18-147319	ARSL
Spring 4A	—	10/12/2016	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	11.782	1.894	1.569	—	pCi/L	Y	—	NQ	2017-166	CAWR-16-126330	ARSL
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.05	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234646	GELC
Spring 4A	—	10/01/2019	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.999	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/03/2018	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.14	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/11/2017	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.11	—	—	0.067	µg/L	Y	—	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.18	—	—	0.067	µg/L	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.801	0.066	0.0739	—	pCi/L	Y	—	NQ	N3B-2022-40	CAWR-22-234645	GELC
Spring 4A	—	10/01/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.698	0.0405	0.0494	—	pCi/L	Y	—	NQ	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	—	10/03/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.854	0.0525	0.0976	—	pCi/L	Y	—	NQ	N3B-2019-76	CAWR-19-162077	GELC
Spring 4A	—	10/11/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.08	0.0473	0.0421	—	pCi/L	Y	—	NQ	2018-459	CAWR-18-147319	GELC
Spring 4A	—	10/12/2016	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.81	0.0476	0.155	—	pCi/L	Y	—	NQ	2017-140	CAWR-16-126330	GELC
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0386	0.0133	0.0581	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234645	GELC
Spring 4A	—	10/01/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0112	0.00789	0.0366	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	—	10/03/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0284	0.0142	0.0946	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162077	GELC
Spring 4A	—	10/11/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0467	0.0128	0.0448	—	pCi/L	Y	—	NQ	2018-459	CAWR-18-147319	GELC
Spring 4A	—	10/12/2016	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0395	0.014	0.0801	—	pCi/L	Y	U	U	2017-140	CAWR-16-126330	GELC
Spring 4A	—	10/04/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.414	0.0426	0.0717	—	pCi/L	Y	—	NQ	N3B-2022-40	CAWR-22-234645	GELC
Spring 4A	—	10/01/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.379	0.0304	0.0328	—	pCi/L	Y	—	NQ	N3B-2020-38	CAWR-20-188072	GELC
Spring 4A	—	10/03/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.414	0.0354	0.0964	—	pCi/L	Y	—	NQ	N3B-2019-76	CAWR-19-162077	GELC
Spring 4A	—	10/11/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.517	0.0334	0.0407	—	pCi/L	Y	—	NQ	2018-459	CAWR-18-147319	GELC
Spring 4A	—	10/12/2016	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.405	0.0333	0.104	—	pCi/L	Y	—	NQ	2017-140	CAWR-16-126330	GELC
Spring 4A	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	5.97	—	—	1	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234646	GELC
Spring 4A	—	10/01/2019	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.47	—	—	1	µg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186704	GELC
Spring 4A	—	10/03/2018	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	N	6.31	—	—	1	µg/L	Y	—	U	N3B-2019-76	CAWR-19-162076	GELC
Spring 4A	—	10/11/2017	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.07	—	—	1	µg/L	Y	—	NQ	2018-459	CAWR-18-147297	GELC
Spring 4A	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.5	—	—	1	µg/L	Y	—	NQ	2017-140	CAWR-16-126356	GELC
Spring 4AA	—	10/04/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	3.82	—	—	1.74	µg/L	Y	J	J	N3B-2022-40	CAWR-22-234647	GELC
Spring 4AA	—	10/01/2019	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	4.66	—	—	1.5	µg/L	Y	J	R	N3B-2020-16	CAWR-20-188073	GELC
Spring 4AA	—	10/03/2018	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-19-162080	GELC
Spring 4AA	—	10/11/2017	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2018-426	CAWR-18-147412	GELC
Spring 4AA	—	10/12/2016	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	1.5	µg/L	Y	U	U	2017-116	CAWR-16-126331	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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	—	10/03/2018	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	—	10/11/2017	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

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 (ft)	Sample Date	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	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.7	—	—	0.01	SU	Y	H	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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	—	10/03/2018	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	—	10/11/2017	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	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	87	—	—	1.45	mg/L	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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
Spring 4AA	—	10/03/2018	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	—	10/11/2017	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	—	10/12/2016	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00247	0.00553	0.0605	—	pCi/L	Y	U	U	2017-140	CAWR-16-126331	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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	—	10/03/2018	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	—	10/11/2017	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	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0426	—	—	0.017	mg/L	Y	J	J	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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	—	10/03/2018	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	—	10/11/2017	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.13	—	—	1.7	µg/L	Y	J	J	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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	—	10/03/2018	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	—	10/11/2017	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	38.1	—	—	1	µg/L	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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	—	10/03/2018	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	—	10/11/2017	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	21.2	—	—	15	µg/L	Y	J	J	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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	—	10/03/2018	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	—	10/11/2017	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	21.5	—	—	0.05	mg/L	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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	—	10/03/2018	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	—	10/11/2017	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	—	10/12/2016	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.811	0.975	3.5	—	pCi/L	Y	U	U	2017-140	CAWR-16-126331	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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	—	10/03/2018	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	—	10/11/2017	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	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.78	—	—	0.067	mg/L	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/04/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.07	—	—	3	µg/L	Y	J	J	N3B-2022-40	CAWR-22-234648	GELC
Spring 4AA	—	10/01/2019	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.01	—	—	3	µg/L	Y	J	J	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/03/2018	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.43	—	—	3	µg/L	Y	J	J	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/11/2017	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.03	—	—	3	µg/L	Y	J	J	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.16	—	—	3	µg/L	Y	J	J	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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	—	10/03/2018	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

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 (ft)	Sample Date	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	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	—	10/12/2016	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.298	1.16	4.82	—	pCi/L	Y	U	U	2017-140	CAWR-16-126331	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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	—	10/03/2018	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	—	10/11/2017	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	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.382	—	—	0.033	mg/L	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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	—	10/03/2018	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	—	10/11/2017	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	—	10/12/2016	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.17	0.855	2.9	—	pCi/L	Y	U	U	2017-140	CAWR-16-126331	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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
Spring 4AA	—	10/03/2018	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	—	10/11/2017	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	—	10/12/2016	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.25	0.756	2.47	—	pCi/L	Y	U	U	2017-140	CAWR-16-126331	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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	—	10/03/2018	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	—	10/11/2017	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	—	10/12/2016	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	75.9	—	—	0.453	mg/L	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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	—	10/03/2018	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	—	10/11/2017	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.38	—	—	0.11	mg/L	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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	—	10/03/2018	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	—	10/11/2017	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	—	10/12/2016	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.969	2.08	7.54	—	pCi/L	Y	U	U	2017-140	CAWR-16-126331	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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	—	10/03/2018	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	—	10/11/2017	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	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.1	—	—	0.017	mg/L	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/13/2015	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.673	—	—	0.05	µg/L	Y	—	NQ	2016-48	CAWR-16-104447	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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	—	10/03/2018	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	—	10/11/2017	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	—	10/12/2016	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00662	0.00583	0.0438	—	pCi/L	Y	U	U	2017-140	CAWR-16-126331	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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	—	10/03/2018	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	—	10/11/2017	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	—	10/12/2016	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00661	0.00661	0.0507	—	pCi/L	Y	U	U	2017-140	CAWR-16-126331	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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

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 (ft)	Sample Date	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	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	—	10/11/2017	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.03	—	—	0.05	mg/L	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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	—	10/03/2018	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	—	10/11/2017	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	—	10/12/2016	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	5.3	15.2	62.6	—	pCi/L	Y	U	U	2017-140	CAWR-16-126331	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	—	10/01/2019	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.104	0.239	—	—	pCi/L	Y	—	U	N3B-2020-38	CAWR-20-188073	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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	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	—	10/01/2019	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	—	10/03/2018	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	—	10/11/2017	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.3	—	—	0.053	mg/L	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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	—	10/03/2018	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	—	10/11/2017	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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	—	10/03/2018	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	—	10/11/2017	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	—	10/12/2016	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.295	0.806	3.33	—	pCi/L	Y	U	U	2017-140	CAWR-16-126331	GELC
Spring 4AA	—	10/04/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	231	—	—	1	µScm	Y	—	NQ	N3B-2022-40	CAWR-22-234648	GELC
Spring 4AA	—	10/01/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	195	—	—	1	µScm	Y	—	NQ	N3B-2020-38	CAWR-20-186707	GELC
Spring 4AA	—	10/03/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	214	—	—	1	µScm	Y	—	NQ	N3B-2019-76	CAWR-19-162079	GELC
Spring 4AA	—	10/11/2017	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	226	—	—	1	µScm	Y	Q	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	211	—	—	1	µScm	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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	—	10/03/2018	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	—	10/11/2017	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	102	—	—	1	µg/L	Y	—	NQ	2018-459	CAWR-18-147298	GELC
Spring 4AA	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	110	—	—	1	µg/L	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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	—	10/03/2018	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	—	10/11/2017	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	—	10/12/2016	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0814	0.121	0.485	—	pCi/L	Y	U	U	2017-140	CAWR-16-126331	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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	—	10/03/2018	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	—	10/11/2017	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	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	8.38	—	—	0.133	mg/L	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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	—	10/03/2018	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	—	10/11/2017	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	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	149	—	—	3.4	mg/L	Y	—	NQ	2017-140	CAWR-16-126357	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 (ft)	Sample Date	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	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	—	10/01/2019	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	—	10/03/2018	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	—	10/11/2017	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	—	10/12/2016	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.446	0.655	2.192	—	pCi/L	Y	U	U	2017-166	CAWR-16-126331	ARSL
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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	—	10/03/2018	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	—	10/11/2017	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.565	—	—	0.067	µg/L	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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	—	10/03/2018	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	—	10/11/2017	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
Spring 4AA	—	10/12/2016	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.579	0.0353	0.118	—	pCi/L	Y	—	NQ	2017-140	CAWR-16-126331	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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	—	10/03/2018	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	—	10/11/2017	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	—	10/12/2016	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0176	0.00753	0.0611	—	pCi/L	Y	U	U	2017-140	CAWR-16-126331	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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	—	10/03/2018	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	—	10/11/2017	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	—	10/12/2016	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.309	0.026	0.0792	—	pCi/L	Y	—	NQ	2017-140	CAWR-16-126331	GELC
Spring 4AA	—	10/04/2021	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	—	10/01/2019	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	—	10/03/2018	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	—	10/11/2017	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.48	—	—	1	µg/L	Y	—	NQ	2017-140	CAWR-16-126357	GELC
Spring 5	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	—	0.01	SU	Y	H	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79	—	—	1.45	mg/L	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00951	0.0112	0.0581	—	pCi/L	Y	U	U	2017-142	CAWR-16-126333	GELC
Spring 5	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.18	—	—	0.017	mg/L	Y	—	NQ	2017-142	CAWR-16-126359	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 (ft)	Sample Date	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	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.08	—	—	1.7	µg/L	Y	J	J	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	26	—	—	1	µg/L	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	17.7	—	—	15	µg/L	Y	J	J	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.5	—	—	0.05	mg/L	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.436	1.47	5.21	—	pCi/L	Y	U	U	2017-142	CAWR-16-126333	GELC
Spring 5	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.21	—	—	0.067	mg/L	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.72	—	—	3	µg/L	Y	J	J	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.425	1.03	3.95	—	pCi/L	Y	U	U	2017-142	CAWR-16-126333	GELC
Spring 5	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.338	—	—	0.033	mg/L	Y	—	NQ	2017-142	CAWR-16-126359	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 (ft)	Sample Date	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	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.21	0.672	2.76	—	pCi/L	Y	U	U	2017-142	CAWR-16-126333	GELC
Spring 5	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	—	10/11/2017	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
Spring 5	—	10/11/2017	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	—	10/12/2016	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.91	0.956	2.85	—	pCi/L	Y	—	NQ	2017-142	CAWR-16-126333	GELC
Spring 5	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	62.5	—	—	0.453	mg/L	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.59	—	—	0.11	mg/L	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.922	—	—	0.3	µg/L	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.036	2.13	8.05	—	pCi/L	Y	U	U	2017-142	CAWR-16-126333	GELC
Spring 5	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.793	—	—	0.017	mg/L	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.408	—	—	0.05	µg/L	Y	—	NQ	2016-32	CAWR-16-104449	GELC
Spring 5	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0157	0.00925	0.0446	—	pCi/L	Y	U	U	2017-142	CAWR-16-126333	GELC
Spring 5	—	10/05/2021	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

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 (ft)	Sample Date	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	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00224	0.00673	0.0515	—	pCi/L	Y	U	U	2017-142	CAWR-16-126333	GELC
Spring 5	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.87	—	—	0.05	mg/L	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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
Spring 5	—	10/11/2017	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	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	—	10/12/2016	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	17.2	17.3	76.1	—	pCi/L	Y	U	U	2017-142	CAWR-16-126333	GELC
Spring 5	—	10/05/2021	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	—	10/02/2019	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	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	—	10/02/2019	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.228	0.283	—	—	pCi/L	Y	—	U	N3B-2020-41	CAWR-20-188075	GELC
Spring 5	—	10/05/2021	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	—	10/02/2019	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	64	—	—	0.053	mg/L	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.49	1.32	4.45	—	pCi/L	Y	U	U	2017-142	CAWR-16-126333	GELC
Spring 5	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	188	—	—	1	µScm	Y	—	NQ	N3B-2022-42	CAWR-22-234652	GELC
Spring 5	—	10/02/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	162	—	—	1	µScm	Y	—	NQ	N3B-2020-41	CAWR-20-186713	GELC
Spring 5	—	10/03/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	183	—	—	1	µScm	Y	—	NQ	N3B-2019-69	CAWR-19-162085	GELC
Spring 5	—	10/11/2017	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	195	—	—	1	µScm	Y	Q	NQ	2018-460	CAWR-18-147300	GELC
Spring 5	—	10/11/2017	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	195	—	—	1	µScm	Y	Q	NQ	2018-460	CAWR-18-147387	GELC
Spring 5	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	183	—	—	1	µScm	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	91.3	—	—	1	µg/L	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/05/2021	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

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 (ft)	Sample Date	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	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0753	0.108	0.387	—	pCi/L	Y	U	U	2017-142	CAWR-16-126333	GELC
Spring 5	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.03	—	—	0.133	mg/L	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	154	—	—	3.4	mg/L	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.524	0.624	1.865	—	pCi/L	Y	U	U	2017-166	CAWR-16-126333	ARSL
Spring 5	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.618	—	—	0.067	µg/L	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.338	0.0377	0.203	—	pCi/L	Y	—	NQ	2017-142	CAWR-16-126333	GELC
Spring 5	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0129	0.0156	0.105	—	pCi/L	Y	U	U	2017-142	CAWR-16-126333	GELC
Spring 5	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.195	0.0296	0.136	—	pCi/L	Y	—	NQ	2017-142	CAWR-16-126333	GELC
Spring 5	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	9.39	—	—	1	µg/L	Y	—	NQ	2017-142	CAWR-16-126359	GELC
Spring 5	—	10/05/2021	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

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 (ft)	Sample Date	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	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	—	10/03/2018	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	—	10/11/2017	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	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-142	CAWR-16-126359	GELC
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	UJ	2016-32	CAWR-16-104432	GELC
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.16	—	—	0.01	SU	Y	H	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.7	—	—	0.725	mg/L	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0023	0.00609	0.0372	—	pCi/L	Y	U	U	2016-32	CAWR-16-104432	GELC
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.35	—	—	1.7	µg/L	Y	J	J	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	29.4	—	—	1	µg/L	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.1	—	—	15	µg/L	Y	J	J	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	17	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-41	CAWR-22-234654	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 (ft)	Sample Date	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.7	—	—	0.05	mg/L	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.29	1.65	5.63	—	pCi/L	Y	U	U	2016-32	CAWR-16-104432	GELC
Spring 5B	—	10/05/2021	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	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
Spring 5B	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.11	—	—	0.067	mg/L	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	5.01	—	—	2	µg/L	Y	J	J	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.36	1.48	5.33	—	pCi/L	Y	U	U	2016-32	CAWR-16-104432	GELC
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.404	—	—	0.033	mg/L	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.324	0.484	1.85	—	pCi/L	Y	U	U	2016-32	CAWR-16-104432	GELC
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	12	0.959	1.77	—	pCi/L	Y	—	NQ	2016-32	CAWR-16-104432	GELC
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	55	—	—	0.453	mg/L	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/07/2015	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	51.6	—	—	0.453	mg/L	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/05/2021	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

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 (ft)	Sample Date	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.61	—	—	0.11	mg/L	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	5.18	2.85	10.8	—	pCi/L	Y	U	U	2016-32	CAWR-16-104432	GELC
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.639	—	—	0.017	mg/L	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.347	—	—	0.05	µg/L	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0019	0.00664	0.0332	—	pCi/L	Y	U	U	2016-32	CAWR-16-104432	GELC
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00517	0.00788	0.0434	—	pCi/L	Y	U	U	2016-32	CAWR-16-104432	GELC
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.96	—	—	0.05	mg/L	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12	14.4	65.5	—	pCi/L	Y	U	U	2016-32	CAWR-16-104432	GELC
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.382	0.241	—	—	pCi/L	Y	—	NQ	N3B-2022-41	CAWR-22-234709	GELC
Spring 5B	—	10/02/2019	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.139	0.287	—	—	pCi/L	Y	—	U	N3B-2020-41	CAWR-20-188077	GELC
Spring 5B	—	10/05/2021	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

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 (ft)	Sample Date	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	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	—	10/02/2019	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	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	59.5	—	—	0.053	mg/L	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.8	—	—	0.1	mg/L	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.154	1.27	5.25	—	pCi/L	Y	U	U	2016-32	CAWR-16-104432	GELC
Spring 5B	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	176	—	—	1	µScm	Y	—	NQ	N3B-2022-41	CAWR-22-234654	GELC
Spring 5B	—	10/05/2021	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	178	—	—	1	µScm	Y	—	NQ	N3B-2022-41	CAWR-22-234710	GELC
Spring 5B	—	10/02/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	146	—	—	1	µScm	Y	—	NQ	N3B-2020-41	CAWR-20-186716	GELC
Spring 5B	—	10/03/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	168	—	—	1	µScm	Y	—	NQ	N3B-2019-75	CAWR-19-162091	GELC
Spring 5B	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	168	—	—	1	µScm	Y	—	NQ	2017-142	CAWR-16-126361	GELC
Spring 5B	—	10/07/2015	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	157	—	—	3.63	µScm	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	87.1	—	—	1	µg/L	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.401	0.0881	0.457	—	pCi/L	Y	U	U	2016-32	CAWR-16-104432	GELC
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.76	—	—	0.133	mg/L	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/05/2021	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	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
Spring 5B	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	121	—	—	3.4	mg/L	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	—	10/03/2018	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

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 (ft)	Sample Date	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	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	—	10/07/2015	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.145	—	—	0.033	mg/L	Y	—	NQ	2016-32	CAWR-16-104432	GELC
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	12/10/2013	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.464	0.626	1.891	—	pCi/L	Y	U	U	2014-2649	CAWR-13-42154	ARSL
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.709	—	—	0.067	µg/L	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.515	0.0351	0.1	—	pCi/L	Y	—	NQ	2016-32	CAWR-16-104432	GELC
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0343	0.0107	0.0803	—	pCi/L	Y	U	U	2016-32	CAWR-16-104432	GELC
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.282	0.0265	0.0732	—	pCi/L	Y	—	NQ	2016-32	CAWR-16-104432	GELC
Spring 5B	—	10/05/2021	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	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	—	10/02/2019	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	—	10/03/2018	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	—	10/12/2016	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	—	10/07/2015	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	8.16	—	—	1	µg/L	Y	—	NQ	2016-32	CAWR-16-104450	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	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
Spring 6	—	10/11/2017	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	—	10/12/2016	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	1.5	µg/L	Y	U	U	2017-116	CAWR-16-126336	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	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	—	10/11/2017	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	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.02	—	—	0.01	SU	Y	H	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	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

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 (ft)	Sample Date	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	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	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63	—	—	1.45	mg/L	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	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	—	10/11/2017	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	—	10/12/2016	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0106	0.00664	0.0434	—	pCi/L	Y	U	U	2017-141	CAWR-16-126336	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	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	—	10/11/2017	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	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0298	—	—	0.017	mg/L	Y	J	J	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	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	—	10/11/2017	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	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	—	10/11/2017	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	23.3	—	—	1	µg/L	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	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	—	10/11/2017	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.3	—	—	0.05	mg/L	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	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	—	10/11/2017	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	—	10/12/2016	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.983	1.39	4.78	—	pCi/L	Y	U	U	2017-141	CAWR-16-126336	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	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	—	10/11/2017	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
Spring 6	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.13	—	—	0.067	mg/L	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	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	—	10/11/2017	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.9	—	—	3	µg/L	Y	J	J	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	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

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 (ft)	Sample Date	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	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	—	10/12/2016	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.59	1.04	3.33	—	pCi/L	Y	U	U	2017-141	CAWR-16-126336	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	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	—	10/11/2017	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	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.294	—	—	0.033	mg/L	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	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	—	10/11/2017	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	—	10/12/2016	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-1.22	0.712	3	—	pCi/L	Y	U	U	2017-141	CAWR-16-126336	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	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	—	10/11/2017	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	—	10/12/2016	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.19	0.856	2.87	—	pCi/L	Y	U	U	2017-141	CAWR-16-126336	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	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	—	10/11/2017	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	—	10/12/2016	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	42.7	—	—	0.453	mg/L	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	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	—	10/11/2017	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.48	—	—	0.11	mg/L	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	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	—	10/11/2017	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	—	10/12/2016	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.76	2.3	8.98	—	pCi/L	Y	U	U	2017-141	CAWR-16-126336	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	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	—	10/11/2017	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	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.311	—	—	0.017	mg/L	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	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	—	10/12/2016	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	—	10/05/2015	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.297	—	—	0.05	µg/L	Y	—	NQ	2016-20	CAWR-16-104451	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	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

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 (ft)	Sample Date	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	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	—	10/12/2016	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.04	0.0179	0.053	—	pCi/L	Y	U	U	2017-141	CAWR-16-126336	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	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	—	10/11/2017	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	—	10/12/2016	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00266	0.00799	0.0612	—	pCi/L	Y	U	U	2017-141	CAWR-16-126336	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	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	—	10/11/2017	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.81	—	—	0.05	mg/L	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	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	—	10/11/2017	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	—	10/12/2016	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-17.8	19.1	64.6	—	pCi/L	Y	U	U	2017-141	CAWR-16-126336	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	UF	INIT	REG	RAD	Generic:Radium by Calculation	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	—	10/02/2019	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.217	0.187	—	—	pCi/L	Y	—	U	N3B-2020-41	CAWR-20-188078	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	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	—	10/02/2019	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	—	10/03/2018	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	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	—	10/11/2017	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.3	—	—	0.053	mg/L	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	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	—	10/11/2017	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.6	—	—	0.1	mg/L	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	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	—	10/11/2017	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	—	10/12/2016	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.503	1.06	4.06	—	pCi/L	Y	U	U	2017-141	CAWR-16-126336	GELC
Spring 6	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	135	—	—	1	µScm	Y	—	NQ	N3B-2022-43	CAWR-22-234656	GELC
Spring 6	—	10/02/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	119	—	—	1	µScm	Y	—	NQ	N3B-2020-41	CAWR-20-186719	GELC
Spring 6	—	10/03/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	135	—	—	1	µScm	Y	—	NQ	N3B-2019-75	CAWR-19-162094	GELC
Spring 6	—	10/03/2018	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	138	—	—	1	µScm	Y	—	NQ	N3B-2019-75	CAWR-19-162096	GELC
Spring 6	—	10/11/2017	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	143	—	—	1	µScm	Y	—	NQ	2018-458	CAWR-18-147303	GELC
Spring 6	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	135	—	—	1	µScm	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	56.1	—	—	1	µg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162096	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 (ft)	Sample Date	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	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	60.8	—	—	1	µg/L	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	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	—	10/11/2017	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	—	10/12/2016	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.247	0.127	0.417	—	pCi/L	Y	U	U	2017-141	CAWR-16-126336	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	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	—	10/11/2017	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	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.5	—	—	0.133	mg/L	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/05/2021	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
Spring 6	—	10/02/2019	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	—	10/03/2018	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	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	—	10/11/2017	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	—	10/12/2016	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	116	—	—	3.4	mg/L	Y	—	J	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	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	—	10/11/2017	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	—	10/12/2016	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2017-141	CAWR-16-126336	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	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	—	10/11/2017	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.235	—	—	0.067	µg/L	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	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	—	10/11/2017	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	—	10/12/2016	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.203	0.0223	0.129	—	pCi/L	Y	—	NQ	2017-141	CAWR-16-126336	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	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	—	10/11/2017	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	—	10/12/2016	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0273	0.00946	0.0665	—	pCi/L	Y	U	U	2017-141	CAWR-16-126336	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	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	—	10/11/2017	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	—	10/12/2016	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0972	0.0162	0.0861	—	pCi/L	Y	—	NQ	2017-141	CAWR-16-126336	GELC
Spring 6	—	10/05/2021	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	—	10/02/2019	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	—	10/03/2018	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	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	7.48	—	—	1	µg/L	Y	—	NQ	N3B-2019-75	CAWR-19-162096	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 (ft)	Sample Date	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	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	—	10/12/2016	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.87	—	—	1	µg/L	Y	—	NQ	2017-141	CAWR-16-126362	GELC
Spring 6A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	4.07	—	—	1.74	µg/L	Y	J	J	N3B-2022-40	CAWR-22-234657	GELC
Spring 6A	—	10/02/2019	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	6.55	—	—	1.5	µg/L	Y	J	U	N3B-2020-21	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	5.81	—	—	1.5	µg/L	Y	J	U	N3B-2020-21	CAWR-20-188080	GELC
Spring 6A	—	10/01/2014	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	UH	U	2015-20	CAWR-14-86955	GELC
Spring 6A	—	09/25/2012	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	09/25/2007	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	5	—	—	1.25	µg/L	Y	U	U	194659	GU070900GA6S01	GELC
Spring 6A	—	10/05/2021	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-2022-40	CAWR-22-234658	GELC
Spring 6A	—	10/02/2019	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-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.86	—	—	0.01	SU	Y	H	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/12/2017	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.46	—	—	0.01	SU	Y	H	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/01/2014	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.51	—	—	0.01	SU	Y	H	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	09/25/2012	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.46	—	—	0.01	SU	Y	H	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234658	GELC
Spring 6A	—	10/02/2019	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/12/2017	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.1	—	—	1.45	mg/L	Y	—	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/01/2014	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.2	—	—	0.725	mg/L	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	09/25/2012	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.3	—	—	0.725	mg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0136	0.0235	0.207	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC
Spring 6A	—	10/02/2019	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0674	0.0421	0.152	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0165	0.0477	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/12/2017	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00523	0.0324	—	pCi/L	Y	U	U	2018-459	CAWR-18-147326	GELC
Spring 6A	—	10/01/2014	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00468	0.00916	0.0354	—	pCi/L	Y	U	U	2015-20	CAWR-14-86955	GELC
Spring 6A	—	09/25/2012	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00251	0.00832	0.0342	—	pCi/L	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0578	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234658	GELC
Spring 6A	—	10/02/2019	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0226	—	—	0.017	mg/L	Y	J	U	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/12/2017	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/01/2014	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0607	—	—	0.017	mg/L	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	09/25/2012	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0424	—	—	0.017	mg/L	Y	J	J	12-1573	CAWR-12-23477	GELC
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	20.9	—	—	1	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234658	GELC
Spring 6A	—	10/02/2019	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	20.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	28.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.1	—	—	1	µg/L	Y	—	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/01/2014	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	27.9	—	—	1	µg/L	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	09/25/2012	F	INIT	REG	Inorganic	SW-846:6010B	Barium	Ba	Y	18.6	—	—	1	µg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	10.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234658	GELC
Spring 6A	—	10/02/2019	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.6	—	—	0.05	mg/L	Y	—	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/01/2014	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.7	—	—	0.05	mg/L	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	09/25/2012	F	INIT	REG	Inorganic	SW-846:6010B	Calcium	Ca	Y	11.7	—	—	0.05	mg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2	1.69	5.4	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC
Spring 6A	—	10/02/2019	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.693	1.03	3.9	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.788	1.03	4.07	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/12/2017	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.26	0.829	2.72	—	pCi/L	Y	U	U	2018-459	CAWR-18-147326	GELC
Spring 6A	—	10/01/2014	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.01	1.51	5.16	—	pCi/L	Y	U	U	2015-20	CAWR-14-86955	GELC
Spring 6A	—	09/25/2012	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.355	1.59	5.74	—	pCi/L	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.97	—	—	0.067	mg/L	Y	—	J+	N3B-2022-40	CAWR-22-234658	GELC
Spring 6A	—	10/02/2019	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.98	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.98	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/12/2017	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.17	—	—	0.067	mg/L	Y	—	NQ	2018-459	CAWR-18-147304	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 (ft)	Sample Date	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 6A	—	10/01/2014	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2	—	—	0.067	mg/L	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	09/25/2012	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.96	—	—	0.067	mg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.62	1.64	6.63	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC
Spring 6A	—	10/02/2019	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.829	1.14	3.97	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.388	1.04	4.05	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/12/2017	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.314	0.807	3.27	—	pCi/L	Y	U	U	2018-459	CAWR-18-147326	GELC
Spring 6A	—	10/01/2014	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.341	1.29	4.81	—	pCi/L	Y	U	U	2015-20	CAWR-14-86955	GELC
Spring 6A	—	09/25/2012	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.09	1.65	6.74	—	pCi/L	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.146	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234658	GELC
Spring 6A	—	10/02/2019	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.361	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.357	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/12/2017	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.387	—	—	0.033	mg/L	Y	—	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/01/2014	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.288	—	—	0.033	mg/L	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	09/25/2012	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.266	—	—	0.033	mg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.174	0.473	2.33	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC
Spring 6A	—	10/02/2019	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.19	1	2.94	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	2.92	1.1	2.98	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/12/2017	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.57	0.923	2.92	—	pCi/L	Y	U	U	2018-459	CAWR-18-147326	GELC
Spring 6A	—	10/01/2014	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.74	0.806	2.43	—	pCi/L	Y	U	U	2015-20	CAWR-14-86955	GELC
Spring 6A	—	09/25/2012	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.177	0.6	2.5	—	pCi/L	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.02	0.975	2.97	—	pCi/L	Y	—	NQ	N3B-2022-40	CAWR-22-234657	GELC
Spring 6A	—	10/02/2019	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.78	1.06	2.66	—	pCi/L	Y	—	NQ	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	2.36	0.909	2.8	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/12/2017	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.39	0.725	2.33	—	pCi/L	Y	U	U	2018-459	CAWR-18-147326	GELC
Spring 6A	—	10/01/2014	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.91	0.961	2.84	—	pCi/L	Y	—	NQ	2015-20	CAWR-14-86955	GELC
Spring 6A	—	09/25/2012	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.87	0.841	2.36	—	pCi/L	Y	—	NQ	12-1573	CAWR-12-23449	GELC
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	37.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234658	GELC
Spring 6A	—	10/02/2019	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	38.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	36.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/12/2017	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	35.1	—	—	0.453	mg/L	Y	—	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/01/2014	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	44.2	—	—	0.453	mg/L	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	09/25/2012	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	39.8	—	—	0.453	mg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	2.9	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234658	GELC
Spring 6A	—	10/02/2019	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.88	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.59	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.13	—	—	0.11	mg/L	Y	—	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/01/2014	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.05	—	—	0.11	mg/L	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	09/25/2012	F	INIT	REG	Inorganic	SW-846:6010B	Magnesium	Mg	Y	2.6	—	—	0.11	mg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.559	2.5	8.94	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC
Spring 6A	—	10/02/2019	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.81	1.94	7.43	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.65	2.05	7.92	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/12/2017	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.82	2.62	6.65	—	pCi/L	Y	U	U	2018-459	CAWR-18-147326	GELC
Spring 6A	—	10/01/2014	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.51	2.5	8.49	—	pCi/L	Y	U	U	2015-20	CAWR-14-86955	GELC
Spring 6A	—	09/25/2012	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.62	2.84	9.76	—	pCi/L	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.263	—	—	0.017	mg/L	Y	—	J-	N3B-2022-40	CAWR-22-234658	GELC
Spring 6A	—	10/02/2019	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.44	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.441	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/12/2017	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.448	—	—	0.017	mg/L	Y	—	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/01/2014	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.283	—	—	0.017	mg/L	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	09/25/2012	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.33	—	—	0.017	mg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	10/05/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.286	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234658	GELC
Spring 6A	—	10/02/2019	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.275	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.291	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/01/2014	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.271	—	—	0.05	µg/L	Y	—	NQ	2015-20	CAWR-14-86982	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 (ft)	Sample Date	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 6A	—	09/25/2012	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.32	—	—	0.05	µg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	09/28/2010	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.35	—	—	0.05	µg/L	Y	—	NQ	10-4819	CAWR-10-25381	GELC
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00679	0.0107	0.0747	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234657	GELC
Spring 6A	—	10/02/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.000000013	0.0446	0.195	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0365	0.0127	0.064	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/12/2017	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00898	0.0167	0.0519	—	pCi/L	Y	U	U	2018-459	CAWR-18-147326	GELC
Spring 6A	—	10/01/2014	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00799	0.00883	0.0396	—	pCi/L	Y	U	U	2015-20	CAWR-14-86955	GELC
Spring 6A	—	09/25/2012	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0115	0.00854	0.0435	—	pCi/L	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0102	0.0132	0.0743	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234657	GELC
Spring 6A	—	10/02/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0669	0.0473	0.211	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0146	0.0171	0.069	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/12/2017	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.012	0.0104	0.0673	—	pCi/L	Y	U	U	2018-459	CAWR-18-147326	GELC
Spring 6A	—	10/01/2014	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00266	0.00799	0.0349	—	pCi/L	Y	U	U	2015-20	CAWR-14-86955	GELC
Spring 6A	—	09/25/2012	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0115	0.0101	0.0516	—	pCi/L	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	1.87	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234658	GELC
Spring 6A	—	10/02/2019	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.96	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.93	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.89	—	—	0.05	mg/L	Y	—	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/01/2014	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.88	—	—	0.05	mg/L	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	09/25/2012	F	INIT	REG	Inorganic	SW-846:6010B	Potassium	K	Y	1.87	—	—	0.05	mg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-23.8	21.1	77.6	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC
Spring 6A	—	10/02/2019	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-24.1	15.5	59.2	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-22.1	16.1	58.3	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/12/2017	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-0.501	14.8	58.7	—	pCi/L	Y	U	U	2018-459	CAWR-18-147326	GELC
Spring 6A	—	10/01/2014	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	41	24.5	59.2	—	pCi/L	Y	U	U	2015-20	CAWR-14-86955	GELC
Spring 6A	—	09/25/2012	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.147	18.3	71.7	—	pCi/L	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.614	0.161	0.358	—	pCi/L	Y	—	NQ	N3B-2022-40	CAWR-22-234657	GELC
Spring 6A	—	10/02/2019	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.289	0.149	0.457	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.514	0.16	0.328	—	pCi/L	Y	—	NQ	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.836	0.222	—	—	pCi/L	Y	—	NQ	N3B-2022-40	CAWR-22-234657	GELC
Spring 6A	—	10/02/2019	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.674	0.2	—	—	pCi/L	Y	—	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.84	0.214	—	—	pCi/L	Y	—	NQ	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.223	0.153	0.501	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234657	GELC
Spring 6A	—	10/02/2019	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.385	0.134	0.398	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.326	0.141	0.441	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	75.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234658	GELC
Spring 6A	—	10/02/2019	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.5	—	—	0.053	mg/L	Y	—	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/01/2014	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.9	—	—	0.053	mg/L	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	09/25/2012	F	INIT	REG	Inorganic	SW-846:6010B	Silicon Dioxide	SiO2	Y	79.1	—	—	0.053	mg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234658	GELC
Spring 6A	—	10/02/2019	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	9.71	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.1	—	—	0.1	mg/L	Y	—	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/01/2014	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	09/25/2012	F	INIT	REG	Inorganic	SW-846:6010B	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.249	1.28	5.12	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234657	GELC
Spring 6A	—	10/02/2019	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.3	0.837	3.47	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.246	0.991	3.91	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/12/2017	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.109	0.734	3.12	—	pCi/L	Y	U	U	2018-459	CAWR-18-147326	GELC
Spring 6A	—	10/01/2014	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.383	1.31	4.7	—	pCi/L	Y	U	U	2015-20	CAWR-14-86955	GELC
Spring 6A	—	09/25/2012	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.344	1.3	5.11	—	pCi/L	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	126	—	—	1	µScm	Y	—	NQ	N3B-2022-40	CAWR-22-234658	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 (ft)	Sample Date	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 6A	—	10/02/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	108	—	—	1	µScm	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	108	—	—	1	µScm	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/12/2017	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	138	—	—	1	µScm	Y	—	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/01/2014	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	121	—	—	3.63	µScm	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	09/25/2012	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	126	—	—	1	µScm	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	48.2	—	—	1	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234658	GELC
Spring 6A	—	10/02/2019	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	49.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	45.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	56.5	—	—	1	µg/L	Y	—	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/01/2014	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	57.3	—	—	1	µg/L	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	09/25/2012	F	INIT	REG	Inorganic	SW-846:6010B	Strontium	Sr	Y	63.9	—	—	1	µg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.331	0.152	0.467	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234657	GELC
Spring 6A	—	10/02/2019	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.132	0.0912	0.317	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.299	0.122	0.487	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/12/2017	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0717	0.0967	0.389	—	pCi/L	Y	U	U	2018-459	CAWR-18-147326	GELC
Spring 6A	—	10/01/2014	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.322	0.15	0.487	—	pCi/L	Y	U	U	2015-20	CAWR-14-86955	GELC
Spring 6A	—	09/25/2012	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0544	0.127	0.493	—	pCi/L	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.11	—	—	0.133	mg/L	Y	—	J+	N3B-2022-40	CAWR-22-234658	GELC
Spring 6A	—	10/02/2019	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.2	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.2	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/12/2017	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.82	—	—	0.133	mg/L	Y	—	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/01/2014	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.31	—	—	0.133	mg/L	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	09/25/2012	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.36	—	—	0.133	mg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	110	—	—	3.4	mg/L	Y	—	J	N3B-2022-40	CAWR-22-234658	GELC
Spring 6A	—	10/02/2019	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	143	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	170	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/12/2017	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	131	—	—	3.4	mg/L	Y	—	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/01/2014	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	—	3.4	mg/L	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	09/25/2012	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	81.4	—	—	3.4	mg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.823	0.816	2.691	—	pCi/L	Y	U	UJ	N3B-2022-120	CAWR-22-234657	ARSL
Spring 6A	—	10/02/2019	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.222	0.862	2.942	—	pCi/L	Y	U	U	N3B-2020-90	CAWR-20-188079	ARSL
Spring 6A	—	10/02/2019	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.926	0.895	2.941	—	pCi/L	Y	U	U	N3B-2020-90	CAWR-20-188080	ARSL
Spring 6A	—	10/12/2017	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.897	0.769	2.512	—	pCi/L	Y	U	U	2018-475	CAWR-18-147326	ARSL
Spring 6A	—	09/25/2007	UF	INIT	REG	RAD	Generic:LLEE	Tritium	H-3	N	0.4508	0.2898	0.2898	—	pCi/L	Y	—	U	2409	UU070900GA6S01	UMTL
Spring 6A	—	09/19/2006	UF	INIT	REG	RAD	Generic:LLEE	Tritium	H-3	Y	0.5796	0.2898	0.2898	—	pCi/L	Y	—	J	2273	UU060900GA6S01	UMTL
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.116	—	—	0.067	µg/L	Y	J	J	N3B-2022-40	CAWR-22-234658	GELC
Spring 6A	—	10/02/2019	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.222	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.238	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.2	—	—	0.067	µg/L	Y	—	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/01/2014	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.146	—	—	0.067	µg/L	Y	J	J	2015-20	CAWR-14-86982	GELC
Spring 6A	—	09/25/2012	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.714	—	—	0.067	µg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.187	0.0321	0.087	—	pCi/L	Y	—	NQ	N3B-2022-40	CAWR-22-234657	GELC
Spring 6A	—	10/02/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.505	0.102	0.246	—	pCi/L	Y	—	NQ	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.289	0.0272	0.0504	—	pCi/L	Y	—	NQ	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/12/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.256	0.0233	0.0416	—	pCi/L	Y	—	NQ	2018-459	CAWR-18-147326	GELC
Spring 6A	—	10/01/2014	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.181	0.0254	0.0734	—	pCi/L	Y	—	NQ	2015-20	CAWR-14-86955	GELC
Spring 6A	—	09/25/2012	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.52	0.0407	0.0528	—	pCi/L	Y	—	NQ	12-1573	CAWR-12-23449	GELC
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0427	0.019	0.0684	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234657	GELC
Spring 6A	—	10/02/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.0416	0.05	0.182	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0399	0.0134	0.0373	—	pCi/L	Y	—	NQ	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/12/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0389	0.0109	0.0443	—	pCi/L	Y	U	U	2018-459	CAWR-18-147326	GELC
Spring 6A	—	10/01/2014	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.018	0.00953	0.0514	—	pCi/L	Y	U	U	2015-20	CAWR-14-86955	GELC
Spring 6A	—	09/25/2012	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0148	0.0117	0.0383	—	pCi/L	Y	U	U	12-1573	CAWR-12-23449	GELC
Spring 6A	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0812	0.0229	0.0844	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234657	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 (ft)	Sample Date	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 6A	—	10/02/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.415	0.0847	0.163	—	pCi/L	Y	—	NQ	N3B-2020-38	CAWR-20-188079	GELC
Spring 6A	—	10/02/2019	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.166	0.0237	0.0335	—	pCi/L	Y	—	NQ	N3B-2020-38	CAWR-20-188080	GELC
Spring 6A	—	10/12/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0885	0.0161	0.0402	—	pCi/L	Y	—	NQ	2018-459	CAWR-18-147326	GELC
Spring 6A	—	10/01/2014	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.108	0.0187	0.0391	—	pCi/L	Y	—	NQ	2015-20	CAWR-14-86955	GELC
Spring 6A	—	09/25/2012	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.273	0.0293	0.0359	—	pCi/L	Y	—	NQ	12-1573	CAWR-12-23449	GELC
Spring 6A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	6.53	—	—	1	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234658	GELC
Spring 6A	—	10/02/2019	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.26	—	—	1	µg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186723	GELC
Spring 6A	—	10/02/2019	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	6.56	—	—	1	µg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186728	GELC
Spring 6A	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	13.6	—	—	1	µg/L	Y	—	NQ	2018-459	CAWR-18-147304	GELC
Spring 6A	—	10/01/2014	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.57	—	—	1	µg/L	Y	—	NQ	2015-20	CAWR-14-86982	GELC
Spring 6A	—	09/25/2012	F	INIT	REG	Inorganic	SW-846:6010B	Vanadium	V	Y	9.74	—	—	1	µg/L	Y	—	NQ	12-1573	CAWR-12-23477	GELC
Spring 8A	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	3.63	—	—	1.74	µg/L	Y	J	J	N3B-2022-42	CAWR-22-234659	GELC
Spring 8A	—	10/02/2019	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	6.44	—	—	1.5	µg/L	Y	J	R	N3B-2020-16	CAWR-20-188081	GELC
Spring 8A	—	10/13/2016	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	1.5	µg/L	Y	U	U	2017-142	CAWR-16-126338	GELC
Spring 8A	—	10/01/2014	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	2015-17	CAWR-14-86956	GELC
Spring 8A	—	09/25/2012	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	12-1570	CAWR-12-23450	GELC
Spring 8A	—	10/05/2021	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	—	10/02/2019	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	—	10/12/2017	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
Spring 8A	—	10/13/2016	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	—	10/01/2014	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.44	—	—	0.01	SU	Y	H	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/05/2021	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	—	10/02/2019	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	—	10/12/2017	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	—	10/13/2016	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	—	10/01/2014	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.2	—	—	0.725	mg/L	Y	—	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/05/2021	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	—	10/02/2019	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	—	10/12/2017	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	—	10/13/2016	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	—	10/01/2014	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00715	0.00715	0.0453	—	pCi/L	Y	U	U	2015-17	CAWR-14-86956	GELC
Spring 8A	—	10/05/2021	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	—	10/02/2019	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	—	10/12/2017	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	—	10/13/2016	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	—	10/01/2014	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0414	—	—	0.017	mg/L	Y	J	U	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/05/2021	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	—	10/02/2019	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	—	10/12/2017	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	—	10/13/2016	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	—	10/01/2014	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	22.3	—	—	1	µg/L	Y	—	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/05/2021	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	—	10/02/2019	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	—	10/12/2017	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	—	10/13/2016	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	—	10/01/2014	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.3	—	—	0.05	mg/L	Y	—	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/05/2021	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	—	10/02/2019	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	—	10/12/2017	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	—	10/13/2016	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	—	10/01/2014	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.11	1.69	4.65	—	pCi/L	Y	U	U	2015-17	CAWR-14-86956	GELC
Spring 8A	—	10/05/2021	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	—	10/02/2019	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	—	10/12/2017	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

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 (ft)	Sample Date	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	—	10/13/2016	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	—	10/01/2014	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.76	—	—	0.067	mg/L	Y	—	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/05/2021	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	—	10/02/2019	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	—	10/12/2017	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	—	10/13/2016	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	—	10/01/2014	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.08	1.59	5.41	—	pCi/L	Y	U	U	2015-17	CAWR-14-86956	GELC
Spring 8A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.244	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234660	GELC
Spring 8A	—	10/02/2019	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.575	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/12/2017	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.349	—	—	0.033	mg/L	Y	Q	NQ	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/13/2016	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.293	—	—	0.033	mg/L	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/01/2014	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.325	—	—	0.033	mg/L	Y	—	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/05/2021	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	—	10/02/2019	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	—	10/12/2017	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	—	10/13/2016	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	—	10/01/2014	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.00749	0.526	2.21	—	pCi/L	Y	U	U	2015-17	CAWR-14-86956	GELC
Spring 8A	—	10/05/2021	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	—	10/02/2019	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	—	10/12/2017	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	—	10/13/2016	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	—	10/01/2014	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	1.5	0.376	1.18	—	pCi/L	Y	—	NQ	2015-17	CAWR-14-86956	GELC
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	39.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234660	GELC
Spring 8A	—	10/12/2017	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	45.6	—	—	0.453	mg/L	Y	—	NQ	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/13/2016	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	—	10/01/2014	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	—	09/25/2012	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	38.2	—	—	0.453	mg/L	Y	—	NQ	12-1570	CAWR-12-23478	GELC
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	Y	58	—	—	30	µg/L	Y	J	J	N3B-2022-42	CAWR-22-234660	GELC
Spring 8A	—	10/02/2019	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	39.6	—	—	30	µg/L	Y	J	J	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	80.6	—	—	30	µg/L	Y	J	J	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/13/2016	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	100	—	—	30	µg/L	Y	U	U	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/01/2014	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	46.9	—	—	30	µg/L	Y	J	J	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	3.3	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234660	GELC
Spring 8A	—	10/02/2019	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.08	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.56	—	—	0.11	mg/L	Y	—	NQ	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/13/2016	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.79	—	—	0.11	mg/L	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/01/2014	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.29	—	—	0.11	mg/L	Y	—	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	Y	3.12	—	—	2	µg/L	Y	J	J	N3B-2022-42	CAWR-22-234660	GELC
Spring 8A	—	10/02/2019	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	9.19	—	—	2	µg/L	Y	J	J	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/13/2016	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	10	—	—	2	µg/L	Y	U	U	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/01/2014	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	16.1	—	—	2	µg/L	Y	—	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.37	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234660	GELC
Spring 8A	—	10/02/2019	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.41	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.07	—	—	0.2	µg/L	Y	—	NQ	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/13/2016	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1	—	—	0.3	µg/L	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/01/2014	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.19	—	—	0.165	µg/L	Y	—	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.02	2.6	8.17	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC
Spring 8A	—	10/02/2019	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.5	2.15	8.38	—	pCi/L	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/12/2017	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-6.17	2.8	8.76	—	pCi/L	Y	U	U	2018-460	CAWR-18-147327	GELC
Spring 8A	—	10/13/2016	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.927	2.39	7.87	—	pCi/L	Y	U	U	2017-142	CAWR-16-126338	GELC
Spring 8A	—	10/01/2014	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.42	3.13	10.9	—	pCi/L	Y	U	U	2015-17	CAWR-14-86956	GELC
Spring 8A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.113	—	—	0.017	mg/L	Y	—	J-	N3B-2022-42	CAWR-22-234660	GELC
Spring 8A	—	10/02/2019	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.06	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-40	CAWR-20-186726	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 (ft)	Sample Date	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	—	10/12/2017	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.017	—	—	0.017	mg/L	Y	UQ	U	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/13/2016	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.21	—	—	0.017	mg/L	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/01/2014	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.0966	—	—	0.017	mg/L	Y	—	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/05/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.124	—	—	0.05	µg/L	Y	J	J	N3B-2022-42	CAWR-22-234660	GELC
Spring 8A	—	10/02/2019	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.151	—	—	0.05	µg/L	Y	J	J	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/13/2016	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.24	—	—	0.05	µg/L	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/01/2014	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.158	—	—	0.05	µg/L	Y	J	J	2015-17	CAWR-14-86983	GELC
Spring 8A	—	09/25/2012	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.123	—	—	0.05	µg/L	Y	J	J	12-1570	CAWR-12-23478	GELC
Spring 8A	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0148	0.0116	0.0613	—	pCi/L	Y	U	UJ	N3B-2022-42	CAWR-22-234659	GELC
Spring 8A	—	10/02/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00000000596	0.0223	0.108	—	pCi/L	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/12/2017	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0112	0.00745	0.0389	—	pCi/L	Y	U	U	2018-460	CAWR-18-147327	GELC
Spring 8A	—	10/13/2016	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0183	0.00915	0.0455	—	pCi/L	Y	U	U	2017-142	CAWR-16-126338	GELC
Spring 8A	—	10/01/2014	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00668	0.00739	0.0331	—	pCi/L	Y	U	U	2015-17	CAWR-14-86956	GELC
Spring 8A	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00654	0.0102	0.0609	—	pCi/L	Y	U	UJ	N3B-2022-42	CAWR-22-234659	GELC
Spring 8A	—	10/02/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0119	0.0223	0.105	—	pCi/L	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/12/2017	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00898	0.0084	0.0505	—	pCi/L	Y	U	U	2018-460	CAWR-18-147327	GELC
Spring 8A	—	10/13/2016	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00723	0.0526	—	pCi/L	Y	U	U	2017-142	CAWR-16-126338	GELC
Spring 8A	—	10/01/2014	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00223	0.00668	0.0292	—	pCi/L	Y	U	U	2015-17	CAWR-14-86956	GELC
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	2.02	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234660	GELC
Spring 8A	—	10/02/2019	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.49	—	—	0.05	mg/L	Y	—	NQ	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/13/2016	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.89	—	—	0.05	mg/L	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/01/2014	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.05	—	—	0.05	mg/L	Y	—	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	26.5	33.8	56.8	—	pCi/L	Y	U	UJ	N3B-2022-42	CAWR-22-234659	GELC
Spring 8A	—	10/02/2019	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.00171	22.8	47.7	—	pCi/L	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/12/2017	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	30.3	21.1	63	—	pCi/L	Y	U	U	2018-460	CAWR-18-147327	GELC
Spring 8A	—	10/13/2016	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	25.8	18.7	32.8	—	pCi/L	Y	U	U	2017-142	CAWR-16-126338	GELC
Spring 8A	—	10/01/2014	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	43.3	19.2	48.8	—	pCi/L	Y	U	U	2015-17	CAWR-14-86956	GELC
Spring 8A	—	10/05/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0559	0.0969	0.374	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC
Spring 8A	—	10/02/2019	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.72	0.174	0.29	—	pCi/L	Y	—	NQ	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/05/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.172	0.158	—	—	pCi/L	Y	—	UJ	N3B-2022-42	CAWR-22-234659	GELC
Spring 8A	—	10/02/2019	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.72	0.222	—	—	pCi/L	Y	—	NQ	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/05/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.117	0.125	0.436	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC
Spring 8A	—	10/02/2019	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0407	0.138	0.523	—	pCi/L	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	82.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234660	GELC
Spring 8A	—	10/02/2019	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	79.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	79.6	—	—	0.053	mg/L	Y	—	NQ	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/13/2016	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.8	—	—	0.053	mg/L	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/01/2014	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	82.9	—	—	0.053	mg/L	Y	—	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	11.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234660	GELC
Spring 8A	—	10/02/2019	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.8	—	—	0.1	mg/L	Y	—	NQ	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/13/2016	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12	—	—	0.1	mg/L	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/01/2014	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.7	—	—	0.1	mg/L	Y	—	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.51	1.19	5.46	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC
Spring 8A	—	10/02/2019	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.73	1.12	3.73	—	pCi/L	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/12/2017	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.376	1.55	5.95	—	pCi/L	Y	U	U	2018-460	CAWR-18-147327	GELC
Spring 8A	—	10/13/2016	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.561	1.12	4.41	—	pCi/L	Y	U	U	2017-142	CAWR-16-126338	GELC
Spring 8A	—	10/01/2014	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.691	1.72	5.16	—	pCi/L	Y	U	U	2015-17	CAWR-14-86956	GELC
Spring 8A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	131	—	—	1	µScm	Y	—	NQ	N3B-2022-42	CAWR-22-234660	GELC
Spring 8A	—	10/02/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	111	—	—	1	µScm	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/12/2017	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	162	—	—	1	µScm	Y	Q	NQ	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/13/2016	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	122	—	—	1	µScm	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/01/2014	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	118	—	—	3.63	µScm	Y	—	NQ	2015-17	CAWR-14-86983	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 (ft)	Sample Date	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	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	48.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234660	GELC
Spring 8A	—	10/02/2019	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	45.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	60.3	—	—	1	µg/L	Y	—	NQ	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/13/2016	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	45.5	—	—	1	µg/L	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/01/2014	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	49.4	—	—	1	µg/L	Y	—	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/05/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.13	0.132	0.457	—	pCi/L	Y	U	UJ	N3B-2022-42	CAWR-22-234659	GELC
Spring 8A	—	10/02/2019	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.167	0.0937	0.328	—	pCi/L	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/12/2017	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.15	0.111	0.379	—	pCi/L	Y	U	U	2018-460	CAWR-18-147327	GELC
Spring 8A	—	10/13/2016	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.319	0.154	0.496	—	pCi/L	Y	U	U	2017-142	CAWR-16-126338	GELC
Spring 8A	—	10/01/2014	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.191	0.0621	0.223	—	pCi/L	Y	U	U	2015-17	CAWR-14-86956	GELC
Spring 8A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.17	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234660	GELC
Spring 8A	—	10/02/2019	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.99	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/12/2017	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.53	—	—	0.133	mg/L	Y	Q	NQ	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/13/2016	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.17	—	—	0.133	mg/L	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/01/2014	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.93	—	—	0.133	mg/L	Y	—	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	159	—	—	3.4	mg/L	Y	—	J	N3B-2022-42	CAWR-22-234660	GELC
Spring 8A	—	10/02/2019	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	151	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/12/2017	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	160	—	—	3.4	mg/L	Y	Q	NQ	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/13/2016	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	91.4	—	—	3.4	mg/L	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/01/2014	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	97.1	—	—	3.4	mg/L	Y	—	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/05/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.108	—	—	0.033	mg/L	Y	—	J+	N3B-2022-42	CAWR-22-234659	GELC
Spring 8A	—	10/02/2019	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0521	—	—	0.033	mg/L	Y	J	J	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/12/2017	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0552	—	—	0.033	mg/L	Y	JQ	J	2018-460	CAWR-18-147327	GELC
Spring 8A	—	10/13/2016	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.123	—	—	0.033	mg/L	Y	—	NQ	2017-142	CAWR-16-126338	GELC
Spring 8A	—	10/01/2014	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	U	2015-17	CAWR-14-86956	GELC
Spring 8A	—	10/05/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.642	—	—	0.33	mg/L	Y	J	J	N3B-2022-42	CAWR-22-234659	GELC
Spring 8A	—	10/02/2019	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.675	—	—	0.33	mg/L	Y	J	J	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/12/2017	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	2.11	—	—	0.33	mg/L	Y	Q	NQ	2018-460	CAWR-18-147327	GELC
Spring 8A	—	10/13/2016	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.657	—	—	0.33	mg/L	Y	J	J	2017-142	CAWR-16-126338	GELC
Spring 8A	—	10/01/2014	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.526	—	—	0.33	mg/L	Y	J	J	2015-17	CAWR-14-86956	GELC
Spring 8A	—	10/05/2021	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-2.603	0.963	3.111	—	pCi/L	Y	U	UJ	N3B-2022-120	CAWR-22-234659	ARSL
Spring 8A	—	10/02/2019	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.392	0.806	2.741	—	pCi/L	Y	U	U	N3B-2020-89	CAWR-20-188081	ARSL
Spring 8A	—	10/12/2017	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.927	0.696	2.256	—	pCi/L	Y	U	U	2018-475	CAWR-18-147327	ARSL
Spring 8A	—	10/13/2016	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.419	0.596	1.993	—	pCi/L	Y	U	U	2017-166	CAWR-16-126338	ARSL
Spring 8A	—	09/25/2007	UF	INIT	REG	RAD	Generic:LLEE	Tritium	H-3	N	-0.0322	0.2898	0.2898	—	pCi/L	Y	—	U	2409	UU070900GA8S01	UMTL
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.148	—	—	0.067	µg/L	Y	J	J	N3B-2022-42	CAWR-22-234660	GELC
Spring 8A	—	10/02/2019	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.15	—	—	0.067	µg/L	Y	J	J	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.069	—	—	0.067	µg/L	Y	J	J	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/13/2016	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.205	—	—	0.067	µg/L	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/01/2014	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.154	—	—	0.067	µg/L	Y	J	J	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.0873	0.0191	0.068	—	pCi/L	Y	—	NQ	N3B-2022-42	CAWR-22-234659	GELC
Spring 8A	—	10/02/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.328	0.0391	0.0887	—	pCi/L	Y	—	NQ	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/12/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.18	0.0199	0.0433	—	pCi/L	Y	—	NQ	2018-460	CAWR-18-147327	GELC
Spring 8A	—	10/13/2016	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.274	0.0286	0.156	—	pCi/L	Y	—	NQ	2017-142	CAWR-16-126338	GELC
Spring 8A	—	10/01/2014	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.109	0.0171	0.0597	—	pCi/L	Y	—	NQ	2015-17	CAWR-14-86956	GELC
Spring 8A	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00497	0.0107	0.0534	—	pCi/L	Y	U	U	N3B-2022-42	CAWR-22-234659	GELC
Spring 8A	—	10/02/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.0123	0.0657	—	pCi/L	Y	U	U	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/12/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0228	0.00913	0.0461	—	pCi/L	Y	U	U	2018-460	CAWR-18-147327	GELC
Spring 8A	—	10/13/2016	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0166	0.00877	0.0807	—	pCi/L	Y	U	U	2017-142	CAWR-16-126338	GELC
Spring 8A	—	10/01/2014	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0147	0.00775	0.0418	—	pCi/L	Y	U	U	2015-17	CAWR-14-86956	GELC
Spring 8A	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0511	0.0164	0.066	—	pCi/L	Y	U	UJ	N3B-2022-42	CAWR-22-234659	GELC
Spring 8A	—	10/02/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0891	0.0229	0.0589	—	pCi/L	Y	—	NQ	N3B-2020-40	CAWR-20-188081	GELC
Spring 8A	—	10/12/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.115	0.0164	0.0419	—	pCi/L	Y	—	NQ	2018-460	CAWR-18-147327	GELC
Spring 8A	—	10/13/2016	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.225	0.0249	0.105	—	pCi/L	Y	—	NQ	2017-142	CAWR-16-126338	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 (ft)	Sample Date	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	—	10/01/2014	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0545	0.0119	0.0318	—	pCi/L	Y	—	NQ	2015-17	CAWR-14-86956	GELC
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	5.56	—	—	1	µg/L	Y	—	NQ	N3B-2022-42	CAWR-22-234660	GELC
Spring 8A	—	10/02/2019	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.69	—	—	1	µg/L	Y	—	NQ	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.02	—	—	1	µg/L	Y	—	NQ	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/13/2016	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.63	—	—	1	µg/L	Y	—	NQ	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/01/2014	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	6.5	—	—	1	µg/L	Y	—	NQ	2015-17	CAWR-14-86983	GELC
Spring 8A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	4	—	—	3.3	µg/L	Y	J	J	N3B-2022-42	CAWR-22-234660	GELC
Spring 8A	—	10/02/2019	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2020-40	CAWR-20-186726	GELC
Spring 8A	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2018-460	CAWR-18-147305	GELC
Spring 8A	—	10/13/2016	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-142	CAWR-16-126364	GELC
Spring 8A	—	10/01/2014	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2015-17	CAWR-14-86983	GELC
Spring 9	—	10/05/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	Y	3.34	—	—	1.74	µg/L	Y	J	J	N3B-2022-40	CAWR-22-234661	GELC
Spring 9	—	10/02/2019	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	5.75	—	—	1.5	µg/L	Y	J	U	N3B-2020-21	CAWR-20-188082	GELC
Spring 9	—	10/04/2018	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	1.73	—	—	1.5	µg/L	Y	BJ	J	N3B-2019-76	CAWR-19-162107	GELC
Spring 9	—	10/04/2018	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	Y	1.81	—	—	1.5	µg/L	Y	BJ	J	N3B-2019-76	CAWR-19-162063	GELC
Spring 9	—	10/13/2016	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	1.5	µg/L	Y	U	U	2017-142	CAWR-16-126339	GELC
Spring 9	—	10/06/2015	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	U	U	2016-24	CAWR-16-104434	GELC
Spring 9	—	10/05/2021	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-2022-40	CAWR-22-234662	GELC
Spring 9	—	10/02/2019	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.63	—	—	0.01	SU	Y	H	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/04/2018	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.53	—	—	0.01	SU	Y	H	NQ	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/04/2018	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.52	—	—	0.01	SU	Y	H	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/12/2017	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.48	—	—	0.01	SU	Y	H	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/13/2016	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.42	—	—	0.01	SU	Y	H	NQ	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234662	GELC
Spring 9	—	10/02/2019	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/04/2018	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/04/2018	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/12/2017	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.3	—	—	1.45	mg/L	Y	—	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/13/2016	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79	—	—	1.45	mg/L	Y	—	NQ	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0174	0.0123	0.132	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC
Spring 9	—	10/02/2019	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00517	0.00967	0.035	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/04/2018	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00234	0.00619	0.0559	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162063	GELC
Spring 9	—	10/04/2018	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00000000137	0.0065	0.0491	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162107	GELC
Spring 9	—	10/12/2017	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00277	0.00734	0.0486	—	pCi/L	Y	U	U	2018-459	CAWR-18-147328	GELC
Spring 9	—	10/13/2016	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00212	0.00766	0.0519	—	pCi/L	Y	U	U	2017-142	CAWR-16-126339	GELC
Spring 9	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0281	—	—	0.017	mg/L	Y	J	J	N3B-2022-40	CAWR-22-234662	GELC
Spring 9	—	10/02/2019	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/04/2018	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0474	—	—	0.017	mg/L	Y	J	J	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/04/2018	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0517	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/12/2017	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/13/2016	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0302	—	—	0.017	mg/L	Y	J	U	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	18.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234662	GELC
Spring 9	—	10/02/2019	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	17.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/04/2018	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	18.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/04/2018	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	18.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	17.6	—	—	1	µg/L	Y	—	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/13/2016	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	17.7	—	—	1	µg/L	Y	—	NQ	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	10.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234662	GELC
Spring 9	—	10/02/2019	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/04/2018	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/04/2018	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.3	—	—	0.05	mg/L	Y	—	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/13/2016	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.4	—	—	0.05	mg/L	Y	—	NQ	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.09	1.1	3.61	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234661	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 (ft)	Sample Date	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 9	—	10/02/2019	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.51	1.79	7.45	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/04/2018	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.608	0.851	2.94	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162063	GELC
Spring 9	—	10/04/2018	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.848	0.892	3.04	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162107	GELC
Spring 9	—	10/12/2017	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.31	1.19	4.89	—	pCi/L	Y	U	U	2018-459	CAWR-18-147328	GELC
Spring 9	—	10/13/2016	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.124	1.08	4.02	—	pCi/L	Y	U	U	2017-142	CAWR-16-126339	GELC
Spring 9	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.11	—	—	0.067	mg/L	Y	—	J+	N3B-2022-40	CAWR-22-234662	GELC
Spring 9	—	10/02/2019	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.98	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/04/2018	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.95	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/04/2018	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.97	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/12/2017	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.96	—	—	0.067	mg/L	Y	—	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/13/2016	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.94	—	—	0.067	mg/L	Y	—	NQ	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.687	0.963	3.57	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC
Spring 9	—	10/02/2019	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.562	1.54	7.14	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/04/2018	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.425	0.956	3.19	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162063	GELC
Spring 9	—	10/04/2018	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.144	0.991	3.78	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162107	GELC
Spring 9	—	10/12/2017	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.68	1.44	5.45	—	pCi/L	Y	U	U	2018-459	CAWR-18-147328	GELC
Spring 9	—	10/13/2016	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.53	1.25	5.4	—	pCi/L	Y	U	U	2017-142	CAWR-16-126339	GELC
Spring 9	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.261	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234662	GELC
Spring 9	—	10/02/2019	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.449	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/04/2018	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.414	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/04/2018	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.411	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/12/2017	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.335	—	—	0.033	mg/L	Y	—	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/13/2016	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.338	—	—	0.033	mg/L	Y	—	NQ	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/05/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.08	0.925	2.47	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234661	GELC
Spring 9	—	10/02/2019	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.84	1.04	2.87	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/04/2018	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.43	0.672	2.97	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162063	GELC
Spring 9	—	10/04/2018	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0675	0.684	2.78	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162107	GELC
Spring 9	—	10/12/2017	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-1.02	0.395	2.89	—	pCi/L	Y	U	U	2018-459	CAWR-18-147328	GELC
Spring 9	—	10/13/2016	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.524	0.799	2.99	—	pCi/L	Y	U	U	2017-142	CAWR-16-126339	GELC
Spring 9	—	10/05/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.35	0.871	2.88	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234661	GELC
Spring 9	—	10/02/2019	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.02	1.03	2.82	—	pCi/L	Y	—	NQ	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/04/2018	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.85	0.618	1.94	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162063	GELC
Spring 9	—	10/04/2018	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.85	0.665	2	—	pCi/L	Y	—	NQ	N3B-2019-76	CAWR-19-162107	GELC
Spring 9	—	10/12/2017	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.48	0.891	2.67	—	pCi/L	Y	U	U	2018-459	CAWR-18-147328	GELC
Spring 9	—	10/13/2016	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.535	0.876	3	—	pCi/L	Y	U	U	2017-142	CAWR-16-126339	GELC
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	40.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234662	GELC
Spring 9	—	10/02/2019	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	37.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/04/2018	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	42.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/04/2018	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	42.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/12/2017	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	37.3	—	—	0.453	mg/L	Y	—	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/13/2016	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	38.4	—	—	0.453	mg/L	Y	—	NQ	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	3.23	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234662	GELC
Spring 9	—	10/02/2019	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.94	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/04/2018	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.55	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/04/2018	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.55	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.83	—	—	0.11	mg/L	Y	—	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/13/2016	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.03	—	—	0.11	mg/L	Y	—	NQ	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.87	2.1	8.05	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC
Spring 9	—	10/02/2019	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.09	3.57	13	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/04/2018	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.57	1.59	6.41	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162063	GELC
Spring 9	—	10/04/2018	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.9	1.77	6.23	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162107	GELC
Spring 9	—	10/12/2017	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.338	2.34	8.75	—	pCi/L	Y	U	U	2018-459	CAWR-18-147328	GELC
Spring 9	—	10/13/2016	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.64	1.72	6	—	pCi/L	Y	U	U	2017-142	CAWR-16-126339	GELC
Spring 9	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.111	—	—	0.017	mg/L	Y	—	J-	N3B-2022-40	CAWR-22-234662	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 (ft)	Sample Date	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 9	—	10/02/2019	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.162	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/04/2018	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.178	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/04/2018	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.181	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/12/2017	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.125	—	—	0.017	mg/L	Y	—	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/13/2016	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.11	—	—	0.017	mg/L	Y	—	NQ	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/05/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.208	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234662	GELC
Spring 9	—	10/02/2019	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.248	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/04/2018	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.239	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/04/2018	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.228	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/13/2016	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.181	—	—	0.05	µg/L	Y	J	J	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/06/2015	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.218	—	—	0.05	µg/L	Y	—	NQ	2016-24	CAWR-16-104452	GELC
Spring 9	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0181	0.0108	0.0478	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC
Spring 9	—	10/02/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0229	0.0135	0.0572	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/04/2018	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0149	0.00786	0.0431	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162063	GELC
Spring 9	—	10/04/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0185	0.00876	0.0458	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162107	GELC
Spring 9	—	10/12/2017	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00802	0.00694	0.0347	—	pCi/L	Y	U	U	2018-459	CAWR-18-147328	GELC
Spring 9	—	10/13/2016	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0226	0.0109	0.0499	—	pCi/L	Y	U	U	2017-142	CAWR-16-126339	GELC
Spring 9	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00613	0.0086	0.0476	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC
Spring 9	—	10/02/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0122	0.0617	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/04/2018	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00000000124	0.00703	0.0474	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162063	GELC
Spring 9	—	10/04/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0158	0.0129	0.0504	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162107	GELC
Spring 9	—	10/12/2017	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00401	0.00694	0.045	—	pCi/L	Y	U	U	2018-459	CAWR-18-147328	GELC
Spring 9	—	10/13/2016	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00251	0.00972	0.0577	—	pCi/L	Y	U	U	2017-142	CAWR-16-126339	GELC
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	1.59	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234662	GELC
Spring 9	—	10/02/2019	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.49	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/04/2018	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.62	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/04/2018	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.62	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.55	—	—	0.05	mg/L	Y	—	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/13/2016	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.49	—	—	0.05	mg/L	Y	—	NQ	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	2.35	16.8	63.4	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234661	GELC
Spring 9	—	10/02/2019	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-26.4	24.5	106	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/04/2018	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-7.07	11.9	44.9	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162063	GELC
Spring 9	—	10/04/2018	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-3.53	12.5	43.3	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162107	GELC
Spring 9	—	10/12/2017	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	6.38	17.6	75.5	—	pCi/L	Y	U	U	2018-459	CAWR-18-147328	GELC
Spring 9	—	10/13/2016	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	44.4	14.2	30.4	—	pCi/L	Y	UI	R	2017-142	CAWR-16-126339	GELC
Spring 9	—	10/05/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.271	0.135	0.415	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234661	GELC
Spring 9	—	10/02/2019	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0391	0.141	0.563	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/05/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.609	0.261	—	—	pCi/L	Y	—	UJ	N3B-2022-40	CAWR-22-234661	GELC
Spring 9	—	10/02/2019	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.0406	0.221	—	—	pCi/L	Y	—	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/05/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.338	0.224	0.731	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234661	GELC
Spring 9	—	10/02/2019	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.00154	0.17	0.617	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	76.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234662	GELC
Spring 9	—	10/02/2019	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/04/2018	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/04/2018	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70	—	—	0.053	mg/L	Y	—	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/13/2016	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.8	—	—	0.053	mg/L	Y	—	NQ	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	11.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234662	GELC
Spring 9	—	10/02/2019	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/04/2018	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/04/2018	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/13/2016	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	—	NQ	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.594	1.1	4.14	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234661	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 (ft)	Sample Date	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 9	—	10/02/2019	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0658	1.1	5.24	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/04/2018	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.192	0.844	3.21	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162063	GELC
Spring 9	—	10/04/2018	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.391	0.885	3.34	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162107	GELC
Spring 9	—	10/12/2017	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0323	1.54	6.03	—	pCi/L	Y	U	U	2018-459	CAWR-18-147328	GELC
Spring 9	—	10/13/2016	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.292	0.541	2.72	—	pCi/L	Y	U	U	2017-142	CAWR-16-126339	GELC
Spring 9	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	133	—	—	1	µScm	Y	—	NQ	N3B-2022-40	CAWR-22-234662	GELC
Spring 9	—	10/02/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	112	—	—	1	µScm	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/04/2018	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	128	—	—	1	µScm	Y	—	NQ	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/04/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	126	—	—	1	µScm	Y	—	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/12/2017	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136	—	—	1	µScm	Y	—	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/13/2016	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	127	—	—	1	µScm	Y	—	NQ	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	49.7	—	—	1	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234662	GELC
Spring 9	—	10/02/2019	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	47.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/04/2018	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	49.6	—	—	1	µg/L	Y	—	J+	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/04/2018	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	49.4	—	—	1	µg/L	Y	—	J+	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	48.2	—	—	1	µg/L	Y	—	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/13/2016	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	52.4	—	—	1	µg/L	Y	—	NQ	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/05/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.149	0.133	0.458	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234661	GELC
Spring 9	—	10/02/2019	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.00943	0.111	0.375	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/04/2018	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0113	0.132	0.472	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162063	GELC
Spring 9	—	10/04/2018	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0979	0.117	0.476	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162107	GELC
Spring 9	—	10/12/2017	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.14	0.0742	0.349	—	pCi/L	Y	U	U	2018-459	CAWR-18-147328	GELC
Spring 9	—	10/13/2016	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.405	0.159	0.497	—	pCi/L	Y	U	U	2017-142	CAWR-16-126339	GELC
Spring 9	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.02	—	—	0.133	mg/L	Y	—	J+	N3B-2022-40	CAWR-22-234662	GELC
Spring 9	—	10/02/2019	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.01	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/04/2018	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.03	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/04/2018	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.02	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/12/2017	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.13	—	—	0.133	mg/L	Y	—	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/13/2016	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.05	—	—	0.133	mg/L	Y	—	NQ	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	161	—	—	3.4	mg/L	Y	—	J	N3B-2022-40	CAWR-22-234662	GELC
Spring 9	—	10/02/2019	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	173	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/04/2018	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/04/2018	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/12/2017	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	130	—	—	3.4	mg/L	Y	—	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/13/2016	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	75.7	—	—	3.4	mg/L	Y	—	NQ	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/05/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.169	—	—	0.033	mg/L	Y	—	J+	N3B-2022-40	CAWR-22-234661	GELC
Spring 9	—	10/02/2019	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0645	—	—	0.033	mg/L	Y	J	J+	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/04/2018	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0457	—	—	0.033	mg/L	Y	J	J	N3B-2019-76	CAWR-19-162063	GELC
Spring 9	—	10/04/2018	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.056	—	—	0.033	mg/L	Y	J	J	N3B-2019-76	CAWR-19-162107	GELC
Spring 9	—	10/12/2017	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2018-459	CAWR-18-147328	GELC
Spring 9	—	10/13/2016	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0636	—	—	0.033	mg/L	Y	J	J	2017-142	CAWR-16-126339	GELC
Spring 9	—	10/05/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.365	—	—	0.33	mg/L	Y	J	J	N3B-2022-40	CAWR-22-234661	GELC
Spring 9	—	10/02/2019	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.36	—	—	0.33	mg/L	Y	J	J	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/04/2018	UF	INIT	FD	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-76	CAWR-19-162063	GELC
Spring 9	—	10/04/2018	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2019-76	CAWR-19-162107	GELC
Spring 9	—	10/12/2017	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.503	—	—	0.33	mg/L	Y	J	J	2018-459	CAWR-18-147328	GELC
Spring 9	—	10/13/2016	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.447	—	—	0.33	mg/L	Y	J	J	2017-142	CAWR-16-126339	GELC
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.147	—	—	0.067	µg/L	Y	J	J	N3B-2022-40	CAWR-22-234662	GELC
Spring 9	—	10/02/2019	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.17	—	—	0.067	µg/L	Y	J	J	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/04/2018	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.157	—	—	0.067	µg/L	Y	J	J	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/04/2018	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	0.164	—	—	0.067	µg/L	Y	J	J	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.106	—	—	0.067	µg/L	Y	J	J	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/13/2016	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.167	—	—	0.067	µg/L	Y	J	J	2017-142	CAWR-16-126365	GELC
Spring 9	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.235	0.0338	0.0825	—	pCi/L	Y	—	NQ	N3B-2022-40	CAWR-22-234661	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 (ft)	Sample Date	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 9	—	10/02/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.218	0.0243	0.0491	—	pCi/L	Y	—	NQ	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/04/2018	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.234	0.0287	0.101	—	pCi/L	Y	—	NQ	N3B-2019-76	CAWR-19-162063	GELC
Spring 9	—	10/04/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.195	0.0251	0.0908	—	pCi/L	Y	—	NQ	N3B-2019-76	CAWR-19-162107	GELC
Spring 9	—	10/12/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.229	0.0241	0.0453	—	pCi/L	Y	—	NQ	2018-459	CAWR-18-147328	GELC
Spring 9	—	10/13/2016	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.327	0.033	0.19	—	pCi/L	Y	—	NQ	2017-142	CAWR-16-126339	GELC
Spring 9	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0326	0.0147	0.0648	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234661	GELC
Spring 9	—	10/02/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0111	0.00679	0.0364	—	pCi/L	Y	U	U	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/04/2018	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.011	0.011	0.0975	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162063	GELC
Spring 9	—	10/04/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0198	0.00934	0.088	—	pCi/L	Y	U	U	N3B-2019-76	CAWR-19-162107	GELC
Spring 9	—	10/12/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0212	0.0099	0.0482	—	pCi/L	Y	U	U	2018-459	CAWR-18-147328	GELC
Spring 9	—	10/13/2016	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00808	0.00989	0.0983	—	pCi/L	Y	U	U	2017-142	CAWR-16-126339	GELC
Spring 9	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.111	0.0243	0.08	—	pCi/L	Y	—	NQ	N3B-2022-40	CAWR-22-234661	GELC
Spring 9	—	10/02/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.105	0.0181	0.0326	—	pCi/L	Y	—	NQ	N3B-2020-38	CAWR-20-188082	GELC
Spring 9	—	10/04/2018	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.115	0.0207	0.0992	—	pCi/L	Y	—	NQ	N3B-2019-76	CAWR-19-162063	GELC
Spring 9	—	10/04/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.147	0.0205	0.0896	—	pCi/L	Y	—	NQ	N3B-2019-76	CAWR-19-162107	GELC
Spring 9	—	10/12/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.139	0.0193	0.0438	—	pCi/L	Y	—	NQ	2018-459	CAWR-18-147328	GELC
Spring 9	—	10/13/2016	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.157	0.0231	0.127	—	pCi/L	Y	—	NQ	2017-142	CAWR-16-126339	GELC
Spring 9	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	6.51	—	—	1	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234662	GELC
Spring 9	—	10/02/2019	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.58	—	—	1	µg/L	Y	—	NQ	N3B-2020-38	CAWR-20-186731	GELC
Spring 9	—	10/04/2018	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	N	7.24	—	—	1	µg/L	Y	—	U	N3B-2019-76	CAWR-19-162106	GELC
Spring 9	—	10/04/2018	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	N	7.1	—	—	1	µg/L	Y	—	U	N3B-2019-76	CAWR-19-162062	GELC
Spring 9	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.23	—	—	1	µg/L	Y	—	NQ	2018-459	CAWR-18-147306	GELC
Spring 9	—	10/13/2016	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.92	—	—	1	µg/L	Y	—	NQ	2017-142	CAWR-16-126365	GELC
Spring 9A	—	10/05/2021	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-2022-40	CAWR-22-234664	GELC
Spring 9A	—	10/04/2018	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.74	—	—	0.01	SU	Y	H	NQ	N3B-2019-77	CAWR-19-162109	GELC
Spring 9A	—	10/12/2017	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.92	—	—	0.01	SU	Y	H	NQ	2018-458	CAWR-18-147307	GELC
Spring 9A	—	10/13/2016	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.56	—	—	0.01	SU	Y	H	NQ	2017-140	CAWR-16-126366	GELC
Spring 9A	—	10/06/2015	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.35	—	—	0.01	SU	Y	H	NQ	2016-24	CAWR-16-104453	GELC
Spring 9A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	58.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234664	GELC
Spring 9A	—	10/04/2018	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-77	CAWR-19-162109	GELC
Spring 9A	—	10/12/2017	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59.1	—	—	1.45	mg/L	Y	—	NQ	2018-458	CAWR-18-147307	GELC
Spring 9A	—	10/13/2016	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	59	—	—	1.45	mg/L	Y	—	NQ	2017-140	CAWR-16-126366	GELC
Spring 9A	—	10/06/2015	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.1	—	—	0.725	mg/L	Y	—	NQ	2016-24	CAWR-16-104453	GELC
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0162	0.0121	0.165	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC
Spring 9A	—	10/04/2018	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.012	0.0159	0.0715	—	pCi/L	Y	U	U	N3B-2019-77	CAWR-19-162110	GELC
Spring 9A	—	10/12/2017	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00416	0.00778	0.0365	—	pCi/L	Y	U	U	2018-458	CAWR-18-147329	GELC
Spring 9A	—	10/13/2016	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0116	0.0067	0.0473	—	pCi/L	Y	U	U	2017-140	CAWR-16-126340	GELC
Spring 9A	—	10/06/2015	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00567	0.005	0.0306	—	pCi/L	Y	U	U	2016-24	CAWR-16-104435	GELC
Spring 9A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0285	—	—	0.017	mg/L	Y	J	J	N3B-2022-40	CAWR-22-234664	GELC
Spring 9A	—	10/04/2018	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0372	—	—	0.017	mg/L	Y	J	J	N3B-2019-77	CAWR-19-162109	GELC
Spring 9A	—	10/12/2017	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0261	—	—	0.017	mg/L	Y	J	U	2018-458	CAWR-18-147307	GELC
Spring 9A	—	10/13/2016	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.084	—	—	0.017	mg/L	Y	—	U	2017-140	CAWR-16-126366	GELC
Spring 9A	—	10/06/2015	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2016-24	CAWR-16-104453	GELC
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	9.39	—	—	1	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234664	GELC
Spring 9A	—	10/04/2018	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	9.51	—	—	1	µg/L	Y	—	NQ	N3B-2019-77	CAWR-19-162109	GELC
Spring 9A	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	9.55	—	—	1	µg/L	Y	—	NQ	2018-458	CAWR-18-147307	GELC
Spring 9A	—	10/13/2016	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	9.43	—	—	1	µg/L	Y	—	NQ	2017-140	CAWR-16-126366	GELC
Spring 9A	—	10/06/2015	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	9.72	—	—	1	µg/L	Y	—	NQ	2016-24	CAWR-16-104453	GELC
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	10.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234664	GELC
Spring 9A	—	10/04/2018	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-77	CAWR-19-162109	GELC
Spring 9A	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10	—	—	0.05	mg/L	Y	—	NQ	2018-458	CAWR-18-147307	GELC
Spring 9A	—	10/13/2016	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.4	—	—	0.05	mg/L	Y	—	NQ	2017-140	CAWR-16-126366	GELC
Spring 9A	—	10/06/2015	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.3	—	—	0.05	mg/L	Y	—	NQ	2016-24	CAWR-16-104453	GELC
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.9	1.92	5.23	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234663	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 (ft)	Sample Date	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 9A	—	10/04/2018	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.689	0.816	2.99	—	pCi/L	Y	U	U	N3B-2019-77	CAWR-19-162110	GELC
Spring 9A	—	10/12/2017	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.495	1.16	4.12	—	pCi/L	Y	U	U	2018-458	CAWR-18-147329	GELC
Spring 9A	—	10/13/2016	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-3.11	1.71	4.71	—	pCi/L	Y	U	U	2017-140	CAWR-16-126340	GELC
Spring 9A	—	10/06/2015	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.782	1.5	5.18	—	pCi/L	Y	U	U	2016-24	CAWR-16-104435	GELC
Spring 9A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.97	—	—	0.067	mg/L	Y	—	J+	N3B-2022-40	CAWR-22-234664	GELC
Spring 9A	—	10/04/2018	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.01	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-77	CAWR-19-162109	GELC
Spring 9A	—	10/12/2017	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.97	—	—	0.067	mg/L	Y	—	NQ	2018-458	CAWR-18-147307	GELC
Spring 9A	—	10/13/2016	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.96	—	—	0.067	mg/L	Y	—	NQ	2017-140	CAWR-16-126366	GELC
Spring 9A	—	10/06/2015	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2	—	—	0.067	mg/L	Y	—	NQ	2016-24	CAWR-16-104453	GELC
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.462	0.974	4.53	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC
Spring 9A	—	10/04/2018	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.06	0.763	3.38	—	pCi/L	Y	U	U	N3B-2019-77	CAWR-19-162110	GELC
Spring 9A	—	10/12/2017	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.8	1.03	4.48	—	pCi/L	Y	U	U	2018-458	CAWR-18-147329	GELC
Spring 9A	—	10/13/2016	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.475	1.43	5.74	—	pCi/L	Y	U	U	2017-140	CAWR-16-126340	GELC
Spring 9A	—	10/06/2015	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.342	1.5	5.42	—	pCi/L	Y	U	U	2016-24	CAWR-16-104435	GELC
Spring 9A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.316	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234664	GELC
Spring 9A	—	10/04/2018	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.427	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-77	CAWR-19-162109	GELC
Spring 9A	—	10/12/2017	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.384	—	—	0.033	mg/L	Y	—	NQ	2018-458	CAWR-18-147307	GELC
Spring 9A	—	10/13/2016	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.361	—	—	0.033	mg/L	Y	—	NQ	2017-140	CAWR-16-126366	GELC
Spring 9A	—	10/06/2015	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.412	—	—	0.033	mg/L	Y	—	NQ	2016-24	CAWR-16-104453	GELC
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.41	0.457	2.55	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC
Spring 9A	—	10/04/2018	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.353	0.688	2.87	—	pCi/L	Y	U	U	N3B-2019-77	CAWR-19-162110	GELC
Spring 9A	—	10/12/2017	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.411	0.768	2.84	—	pCi/L	Y	U	U	2018-458	CAWR-18-147329	GELC
Spring 9A	—	10/13/2016	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.789	0.616	2.85	—	pCi/L	Y	U	U	2017-140	CAWR-16-126340	GELC
Spring 9A	—	10/06/2015	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.94	0.393	1.21	—	pCi/L	Y	U	U	2016-24	CAWR-16-104435	GELC
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1	0.873	2.93	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234663	GELC
Spring 9A	—	10/04/2018	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.66	0.604	1.79	—	pCi/L	Y	—	NQ	N3B-2019-77	CAWR-19-162110	GELC
Spring 9A	—	10/12/2017	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.638	0.803	2.79	—	pCi/L	Y	U	U	2018-458	CAWR-18-147329	GELC
Spring 9A	—	10/13/2016	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.0501	0.833	3	—	pCi/L	Y	U	U	2017-140	CAWR-16-126340	GELC
Spring 9A	—	10/06/2015	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	8.6	1.09	2.76	—	pCi/L	Y	—	NQ	2016-24	CAWR-16-104435	GELC
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	38.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234664	GELC
Spring 9A	—	10/04/2018	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	36.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-77	CAWR-19-162109	GELC
Spring 9A	—	10/12/2017	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	36.7	—	—	0.453	mg/L	Y	—	NQ	2018-458	CAWR-18-147307	GELC
Spring 9A	—	10/13/2016	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	38.5	—	—	0.453	mg/L	Y	—	NQ	2017-140	CAWR-16-126366	GELC
Spring 9A	—	10/06/2015	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	38.1	—	—	0.453	mg/L	Y	—	NQ	2016-24	CAWR-16-104453	GELC
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	3.05	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234664	GELC
Spring 9A	—	10/04/2018	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.84	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-77	CAWR-19-162109	GELC
Spring 9A	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.83	—	—	0.11	mg/L	Y	—	NQ	2018-458	CAWR-18-147307	GELC
Spring 9A	—	10/13/2016	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.04	—	—	0.11	mg/L	Y	—	NQ	2017-140	CAWR-16-126366	GELC
Spring 9A	—	10/06/2015	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.99	—	—	0.11	mg/L	Y	—	NQ	2016-24	CAWR-16-104453	GELC
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.659	3.71	11.1	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC
Spring 9A	—	10/04/2018	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.643	1.53	5.54	—	pCi/L	Y	U	U	N3B-2019-77	CAWR-19-162110	GELC
Spring 9A	—	10/12/2017	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.81	1.74	6.18	—	pCi/L	Y	U	U	2018-458	CAWR-18-147329	GELC
Spring 9A	—	10/13/2016	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.46	2.55	9.44	—	pCi/L	Y	U	U	2017-140	CAWR-16-126340	GELC
Spring 9A	—	10/06/2015	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.45	2.98	10.7	—	pCi/L	Y	U	U	2016-24	CAWR-16-104435	GELC
Spring 9A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.31	—	—	0.017	mg/L	Y	—	J-	N3B-2022-40	CAWR-22-234664	GELC
Spring 9A	—	10/04/2018	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.297	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-77	CAWR-19-162109	GELC
Spring 9A	—	10/12/2017	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.256	—	—	0.017	mg/L	Y	—	NQ	2018-458	CAWR-18-147307	GELC
Spring 9A	—	10/13/2016	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.282	—	—	0.017	mg/L	Y	—	NQ	2017-140	CAWR-16-126366	GELC
Spring 9A	—	10/06/2015	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.213	—	—	0.017	mg/L	Y	—	NQ	2016-24	CAWR-16-104453	GELC
Spring 9A	—	10/05/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.272	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234664	GELC
Spring 9A	—	10/04/2018	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.266	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-77	CAWR-19-162109	GELC
Spring 9A	—	10/13/2016	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.253	—	—	0.05	µg/L	Y	—	NQ	2017-140	CAWR-16-126366	GELC
Spring 9A	—	10/06/2015	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.239	—	—	0.05	µg/L	Y	—	NQ	2016-24	CAWR-16-104453	GELC
Spring 9A	—	10/01/2014	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.214	—	—	0.05	µg/L	Y	—	NQ	2015-20	CAWR-14-86985	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 (ft)	Sample Date	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 9A	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00326	0.0113	0.0699	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC
Spring 9A	—	10/04/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00196	0.00707	0.034	—	pCi/L	Y	U	U	N3B-2019-77	CAWR-19-162110	GELC
Spring 9A	—	10/12/2017	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.005	0.00791	0.0433	—	pCi/L	Y	U	U	2018-458	CAWR-18-147329	GELC
Spring 9A	—	10/13/2016	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0046	0.0647	—	pCi/L	Y	U	U	2017-140	CAWR-16-126340	GELC
Spring 9A	—	10/06/2015	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00487	0.00487	0.0379	—	pCi/L	Y	U	U	2016-24	CAWR-16-104435	GELC
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0193	0.0149	0.0695	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC
Spring 9A	—	10/04/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00392	0.00733	0.0374	—	pCi/L	Y	U	U	N3B-2019-77	CAWR-19-162110	GELC
Spring 9A	—	10/12/2017	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00866	0.0562	—	pCi/L	Y	U	U	2018-458	CAWR-18-147329	GELC
Spring 9A	—	10/13/2016	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0163	0.0086	0.0747	—	pCi/L	Y	U	U	2017-140	CAWR-16-126340	GELC
Spring 9A	—	10/06/2015	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00244	0.00731	0.0494	—	pCi/L	Y	U	U	2016-24	CAWR-16-104435	GELC
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	1.42	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234664	GELC
Spring 9A	—	10/04/2018	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.43	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-77	CAWR-19-162109	GELC
Spring 9A	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.44	—	—	0.05	mg/L	Y	—	NQ	2018-458	CAWR-18-147307	GELC
Spring 9A	—	10/13/2016	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.48	—	—	0.05	mg/L	Y	—	NQ	2017-140	CAWR-16-126366	GELC
Spring 9A	—	10/06/2015	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.38	—	—	0.05	mg/L	Y	—	NQ	2016-24	CAWR-16-104453	GELC
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	15.8	24.4	58.7	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC
Spring 9A	—	10/04/2018	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.984	12.9	44.9	—	pCi/L	Y	U	U	N3B-2019-77	CAWR-19-162110	GELC
Spring 9A	—	10/12/2017	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	20.8	13.9	29.9	—	pCi/L	Y	U	U	2018-458	CAWR-18-147329	GELC
Spring 9A	—	10/13/2016	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	18.2	20.2	46.9	—	pCi/L	Y	U	U	2017-140	CAWR-16-126340	GELC
Spring 9A	—	10/06/2015	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-16	17.5	65.3	—	pCi/L	Y	U	U	2016-24	CAWR-16-104435	GELC
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.257	0.134	0.415	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234663	GELC
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.648	0.265	—	—	pCi/L	Y	—	UJ	N3B-2022-40	CAWR-22-234663	GELC
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.391	0.228	0.732	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234663	GELC
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	73.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234664	GELC
Spring 9A	—	10/04/2018	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-77	CAWR-19-162109	GELC
Spring 9A	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.4	—	—	0.053	mg/L	Y	—	NQ	2018-458	CAWR-18-147307	GELC
Spring 9A	—	10/13/2016	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.2	—	—	0.053	mg/L	Y	—	NQ	2017-140	CAWR-16-126366	GELC
Spring 9A	—	10/06/2015	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.6	—	—	0.053	mg/L	Y	—	NQ	2016-24	CAWR-16-104453	GELC
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	10.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234664	GELC
Spring 9A	—	10/04/2018	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.87	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-77	CAWR-19-162109	GELC
Spring 9A	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	2018-458	CAWR-18-147307	GELC
Spring 9A	—	10/13/2016	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	2017-140	CAWR-16-126366	GELC
Spring 9A	—	10/06/2015	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.7	—	—	0.1	mg/L	Y	N	NQ	2016-24	CAWR-16-104453	GELC
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.3	1.32	4.68	—	pCi/L	Y	U	U	N3B-2022-40	CAWR-22-234663	GELC
Spring 9A	—	10/04/2018	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.586	0.738	2.62	—	pCi/L	Y	U	U	N3B-2019-77	CAWR-19-162110	GELC
Spring 9A	—	10/12/2017	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.951	1.24	4.06	—	pCi/L	Y	U	U	2018-458	CAWR-18-147329	GELC
Spring 9A	—	10/13/2016	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	3.58	2.21	4.78	—	pCi/L	Y	U	U	2017-140	CAWR-16-126340	GELC
Spring 9A	—	10/06/2015	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.71	1.57	4.31	—	pCi/L	Y	U	U	2016-24	CAWR-16-104435	GELC
Spring 9A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	128	—	—	1	µScm	Y	—	NQ	N3B-2022-40	CAWR-22-234664	GELC
Spring 9A	—	10/04/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	126	—	—	1	µScm	Y	—	NQ	N3B-2019-77	CAWR-19-162109	GELC
Spring 9A	—	10/12/2017	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	133	—	—	1	µScm	Y	—	NQ	2018-458	CAWR-18-147307	GELC
Spring 9A	—	10/13/2016	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	124	—	—	1	µScm	Y	—	NQ	2017-140	CAWR-16-126366	GELC
Spring 9A	—	10/06/2015	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	116	—	—	3.63	µScm	Y	—	NQ	2016-24	CAWR-16-104453	GELC
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	48	—	—	1	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234664	GELC
Spring 9A	—	10/04/2018	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	45.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-77	CAWR-19-162109	GELC
Spring 9A	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	47.4	—	—	1	µg/L	Y	—	NQ	2018-458	CAWR-18-147307	GELC
Spring 9A	—	10/13/2016	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	52.3	—	—	1	µg/L	Y	—	NQ	2017-140	CAWR-16-126366	GELC
Spring 9A	—	10/06/2015	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	46.6	—	—	1	µg/L	Y	—	NQ	2016-24	CAWR-16-104453	GELC
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.12	0.109	0.442	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234663	GELC
Spring 9A	—	10/04/2018	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.103	0.133	0.48	—	pCi/L	Y	U	U	N3B-2019-77	CAWR-19-162110	GELC
Spring 9A	—	10/12/2017	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0442	0.0852	0.351	—	pCi/L	Y	U	U	2018-458	CAWR-18-147329	GELC
Spring 9A	—	10/13/2016	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0716	0.124	0.472	—	pCi/L	Y	U	U	2017-140	CAWR-16-126340	GELC
Spring 9A	—	10/06/2015	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.107	0.0746	0.26	—	pCi/L	Y	U	U	2016-24	CAWR-16-104435	GELC
Spring 9A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2	—	—	0.133	mg/L	Y	—	J+	N3B-2022-40	CAWR-22-234664	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 (ft)	Sample Date	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 9A	—	10/04/2018	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.01	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-77	CAWR-19-162109	GELC
Spring 9A	—	10/12/2017	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.07	—	—	0.133	mg/L	Y	—	NQ	2018-458	CAWR-18-147307	GELC
Spring 9A	—	10/13/2016	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.02	—	—	0.133	mg/L	Y	—	NQ	2017-140	CAWR-16-126366	GELC
Spring 9A	—	10/06/2015	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.02	—	—	0.133	mg/L	Y	—	NQ	2016-24	CAWR-16-104453	GELC
Spring 9A	—	10/05/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	127	—	—	3.4	mg/L	Y	—	J	N3B-2022-40	CAWR-22-234664	GELC
Spring 9A	—	10/04/2018	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	119	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-77	CAWR-19-162109	GELC
Spring 9A	—	10/12/2017	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	134	—	—	3.4	mg/L	Y	—	NQ	2018-458	CAWR-18-147307	GELC
Spring 9A	—	10/13/2016	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	85.7	—	—	3.4	mg/L	Y	—	J	2017-140	CAWR-16-126366	GELC
Spring 9A	—	10/06/2015	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	94.3	—	—	3.4	mg/L	Y	—	NQ	2016-24	CAWR-16-104453	GELC
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.99	0.977	3.313	—	pCi/L	Y	U	UJ	N3B-2022-120	CAWR-22-234663	ARSL
Spring 9A	—	10/04/2018	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	2.754	0.905	2.559	—	pCi/L	Y	—	NQ	N3B-2019-89	CAWR-19-162110	ARSL
Spring 9A	—	10/12/2017	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.173	0.783	2.648	—	pCi/L	Y	U	U	2018-475	CAWR-18-147329	ARSL
Spring 9A	—	10/13/2016	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.819	0.589	1.904	—	pCi/L	Y	U	U	2017-166	CAWR-16-126340	ARSL
Spring 9A	—	12/16/2013	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.298	0.62	2.088	—	pCi/L	Y	U	U	2014-2713	CAWR-13-42157	ARSL
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.198	—	—	0.067	µg/L	Y	J	J	N3B-2022-40	CAWR-22-234664	GELC
Spring 9A	—	10/04/2018	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.207	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-77	CAWR-19-162109	GELC
Spring 9A	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.167	—	—	0.067	µg/L	Y	J	J	2018-458	CAWR-18-147307	GELC
Spring 9A	—	10/13/2016	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.21	—	—	0.067	µg/L	Y	—	NQ	2017-140	CAWR-16-126366	GELC
Spring 9A	—	10/06/2015	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.255	—	—	0.067	µg/L	Y	—	NQ	2016-24	CAWR-16-104453	GELC
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.242	0.0321	0.0707	—	pCi/L	Y	—	NQ	N3B-2022-40	CAWR-22-234663	GELC
Spring 9A	—	10/04/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.206	0.0393	0.162	—	pCi/L	Y	—	NQ	N3B-2019-77	CAWR-19-162110	GELC
Spring 9A	—	10/12/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.274	0.0255	0.0484	—	pCi/L	Y	—	NQ	2018-458	CAWR-18-147329	GELC
Spring 9A	—	10/13/2016	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.202	0.0236	0.153	—	pCi/L	Y	—	NQ	2017-140	CAWR-16-126340	GELC
Spring 9A	—	10/06/2015	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.295	0.0272	0.101	—	pCi/L	Y	—	NQ	2016-24	CAWR-16-104435	GELC
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0295	0.0115	0.0555	—	pCi/L	Y	U	UJ	N3B-2022-40	CAWR-22-234663	GELC
Spring 9A	—	10/04/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0268	0.0175	0.158	—	pCi/L	Y	U	U	N3B-2019-77	CAWR-19-162110	GELC
Spring 9A	—	10/12/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.017	0.0106	0.0515	—	pCi/L	Y	U	U	2018-458	CAWR-18-147329	GELC
Spring 9A	—	10/13/2016	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0195	0.00918	0.079	—	pCi/L	Y	U	U	2017-140	CAWR-16-126340	GELC
Spring 9A	—	10/06/2015	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.046	0.0147	0.0809	—	pCi/L	Y	U	U	2016-24	CAWR-16-104435	GELC
Spring 9A	—	10/05/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.101	0.0194	0.0686	—	pCi/L	Y	—	NQ	N3B-2022-40	CAWR-22-234663	GELC
Spring 9A	—	10/04/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.168	0.0343	0.16	—	pCi/L	Y	—	NQ	N3B-2019-77	CAWR-19-162110	GELC
Spring 9A	—	10/12/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.135	0.0195	0.0468	—	pCi/L	Y	—	NQ	2018-458	CAWR-18-147329	GELC
Spring 9A	—	10/13/2016	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.139	0.0198	0.102	—	pCi/L	Y	—	NQ	2017-140	CAWR-16-126340	GELC
Spring 9A	—	10/06/2015	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.14	0.0186	0.0737	—	pCi/L	Y	—	NQ	2016-24	CAWR-16-104435	GELC
Spring 9A	—	10/05/2021	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	7.86	—	—	1	µg/L	Y	—	NQ	N3B-2022-40	CAWR-22-234664	GELC
Spring 9A	—	10/04/2018	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.44	—	—	1	µg/L	Y	—	NQ	N3B-2019-77	CAWR-19-162109	GELC
Spring 9A	—	10/12/2017	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.63	—	—	1	µg/L	Y	—	NQ	2018-458	CAWR-18-147307	GELC
Spring 9A	—	10/13/2016	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.1	—	—	1	µg/L	Y	—	NQ	2017-140	CAWR-16-126366	GELC
Spring 9A	—	10/06/2015	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	8.02	—	—	1	µg/L	Y	—	NQ	2016-24	CAWR-16-104453	GELC
Starmer Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.14	—	—	0.01	SU	Y	H	J	N3B-2022-1336	CAPA-22-248740	GELC
Starmer Spring	—	04/15/2021	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.3	—	—	0.01	SU	Y	H	J	N3B-2021-1319	CAPA-21-221760	GELC
Starmer Spring	—	09/17/2020	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-2020-1825	CAPA-20-206510	GELC
Starmer Spring	—	04/26/2019	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.98	—	—	0.01	SU	Y	H	NQ	N3B-2019-1633	CAPA-19-171706	GELC
Starmer Spring	—	04/18/2018	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.23	—	—	0.01	SU	Y	H	NQ	2018-2462	CAPA-18-152852	GELC
Starmer Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	46.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248740	GELC
Starmer Spring	—	04/15/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	43	—	—	1.45	mg/L	Y	—	J-	N3B-2021-1319	CAPA-21-221760	GELC
Starmer Spring	—	09/17/2020	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206510	GELC
Starmer Spring	—	04/26/2019	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	34.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171706	GELC
Starmer Spring	—	04/18/2018	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	41.2	—	—	1.45	mg/L	Y	—	NQ	2018-2462	CAPA-18-152852	GELC
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	Y	565	—	—	68	µg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248740	GELC
Starmer Spring	—	04/15/2021	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	419	—	—	68	µg/L	Y	—	NQ	N3B-2021-1319	CAPA-21-221760	GELC
Starmer Spring	—	09/17/2020	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	169	—	—	68	µg/L	Y	J	J	N3B-2020-1825	CAPA-20-206510	GELC
Starmer Spring	—	04/26/2019	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	1320	—	—	68	µg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171706	GELC
Starmer Spring	—	04/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Aluminum	Al	Y	202	—	—	68	µg/L	Y	—	NQ	2018-2462	CAPA-18-152852	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 (ft)	Sample Date	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
Starmer Spring	—	04/19/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00295	0.0114	0.0496	—	pCi/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC
Starmer Spring	—	04/15/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0223	0.0155	0.0495	—	pCi/L	Y	U	U	N3B-2021-1319	CAPA-21-221761	GELC
Starmer Spring	—	09/17/2020	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0175	0.0108	0.0352	—	pCi/L	Y	U	U	N3B-2020-1825	CAPA-20-206511	GELC
Starmer Spring	—	04/26/2019	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.016	0.014	0.0778	—	pCi/L	Y	U	U	N3B-2019-1633	CAPA-19-171707	GELC
Starmer Spring	—	04/18/2018	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0266	0.0156	0.071	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152853	GELC
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.48	—	—	2	µg/L	Y	J	J	N3B-2022-1336	CAPA-22-248740	GELC
Starmer Spring	—	04/15/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.45	—	—	2	µg/L	Y	J	J	N3B-2021-1319	CAPA-21-221760	GELC
Starmer Spring	—	09/17/2020	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-1825	CAPA-20-206510	GELC
Starmer Spring	—	04/26/2019	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.22	—	—	2	µg/L	Y	J	J	N3B-2019-1633	CAPA-19-171706	GELC
Starmer Spring	—	04/18/2018	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.52	—	—	2	µg/L	Y	J	J	2018-2462	CAPA-18-152852	GELC
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	60.3	—	—	1	µg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248740	GELC
Starmer Spring	—	04/15/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	41.8	—	—	1	µg/L	Y	—	NQ	N3B-2021-1319	CAPA-21-221760	GELC
Starmer Spring	—	09/17/2020	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	84.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206510	GELC
Starmer Spring	—	04/26/2019	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	38.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171706	GELC
Starmer Spring	—	04/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	38.2	—	—	1	µg/L	Y	—	NQ	2018-2462	CAPA-18-152852	GELC
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	15	—	—	15	µg/L	Y	J	J	N3B-2022-1336	CAPA-22-248740	GELC
Starmer Spring	—	04/15/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2021-1319	CAPA-21-221760	GELC
Starmer Spring	—	09/17/2020	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	24.1	—	—	15	µg/L	Y	J	J	N3B-2020-1825	CAPA-20-206510	GELC
Starmer Spring	—	04/26/2019	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-1633	CAPA-19-171706	GELC
Starmer Spring	—	04/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	2018-2462	CAPA-18-152852	GELC
Starmer Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.17	—	—	0.067	mg/L	Y	J	J	N3B-2022-1336	CAPA-22-248740	GELC
Starmer Spring	—	04/15/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	UJ	N3B-2021-1319	CAPA-21-221760	GELC
Starmer Spring	—	09/17/2020	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2020-1825	CAPA-20-206510	GELC
Starmer Spring	—	04/26/2019	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2019-1633	CAPA-19-171706	GELC
Starmer Spring	—	04/18/2018	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	2018-2462	CAPA-18-152852	GELC
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	14.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248740	GELC
Starmer Spring	—	04/15/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1319	CAPA-21-221760	GELC
Starmer Spring	—	09/17/2020	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206510	GELC
Starmer Spring	—	04/26/2019	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	8.58	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171706	GELC
Starmer Spring	—	04/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.5	—	—	0.05	mg/L	Y	—	NQ	2018-2462	CAPA-18-152852	GELC
Starmer Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.22	3.32	4.92	—	pCi/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248741	GELC
Starmer Spring	—	04/15/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.57	1.52	4.43	—	pCi/L	Y	U	UJ	N3B-2021-1319	CAPA-21-221761	GELC
Starmer Spring	—	09/17/2020	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.956	1.73	6.2	—	pCi/L	Y	U	U	N3B-2020-1825	CAPA-20-206511	GELC
Starmer Spring	—	04/26/2019	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.35	0.772	3.03	—	pCi/L	Y	U	U	N3B-2019-1633	CAPA-19-171707	GELC
Starmer Spring	—	04/18/2018	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.35	1.19	4	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152853	GELC
Starmer Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	46.7	—	—	0.67	mg/L	Y	—	J+	N3B-2022-1336	CAPA-22-248740	GELC
Starmer Spring	—	04/15/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	27.2	—	—	0.335	mg/L	Y	—	NQ	N3B-2021-1319	CAPA-21-221760	GELC
Starmer Spring	—	09/17/2020	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	51	—	—	0.67	mg/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206510	GELC
Starmer Spring	—	04/26/2019	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	11.2	—	—	0.134	mg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171706	GELC
Starmer Spring	—	04/18/2018	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	16.4	—	—	0.134	mg/L	Y	—	NQ	2018-2462	CAPA-18-152852	GELC
Starmer Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.251	1.4	4.86	—	pCi/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC
Starmer Spring	—	04/15/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.51	1.38	4.76	—	pCi/L	Y	U	UJ	N3B-2021-1319	CAPA-21-221761	GELC
Starmer Spring	—	09/17/2020	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.955	2.16	7.73	—	pCi/L	Y	U	U	N3B-2020-1825	CAPA-20-206511	GELC
Starmer Spring	—	04/26/2019	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.246	0.812	2.69	—	pCi/L	Y	U	U	N3B-2019-1633	CAPA-19-171707	GELC
Starmer Spring	—	04/18/2018	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.28	2.01	6.17	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152853	GELC
Starmer Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.139	—	—	0.033	mg/L	Y	—	J-	N3B-2022-1336	CAPA-22-248740	GELC
Starmer Spring	—	04/15/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.117	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1319	CAPA-21-221760	GELC
Starmer Spring	—	09/17/2020	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.114	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206510	GELC
Starmer Spring	—	04/26/2019	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.213	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171706	GELC
Starmer Spring	—	04/18/2018	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.0758	—	—	0.033	mg/L	Y	J	J	2018-2462	CAPA-18-152852	GELC
Starmer Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	-0.44	0.589	2.61	—	pCi/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC
Starmer Spring	—	04/15/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.405	0.537	2.12	—	pCi/L	Y	U	U	N3B-2021-1319	CAPA-21-221761	GELC
Starmer Spring	—	09/17/2020	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.449	0.606	2.54	—	pCi/L	Y	U	U	N3B-2020-1825	CAPA-20-206511	GELC
Starmer Spring	—	04/26/2019	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.6	0.997	2.66	—	pCi/L	Y	U	U	N3B-2019-1633	CAPA-19-171707	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 (ft)	Sample Date	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
Starmer Spring	—	04/18/2018	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.769	0.353	1.35	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152853	GELC
Starmer Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	2.92	0.897	2.62	—	pCi/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248741	GELC
Starmer Spring	—	04/15/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.11	0.733	2.42	—	pCi/L	Y	U	UJ	N3B-2021-1319	CAPA-21-221761	GELC
Starmer Spring	—	09/17/2020	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.69	0.924	2.76	—	pCi/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206511	GELC
Starmer Spring	—	04/26/2019	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.8	0.871	2.28	—	pCi/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171707	GELC
Starmer Spring	—	04/18/2018	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.08	0.633	1.67	—	pCi/L	Y	—	NQ	2018-2462	CAPA-18-152853	GELC
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	53.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248740	GELC
Starmer Spring	—	04/15/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	40.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-1319	CAPA-21-221760	GELC
Starmer Spring	—	09/17/2020	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	87.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206510	GELC
Starmer Spring	—	04/26/2019	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	32.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171706	GELC
Starmer Spring	—	04/18/2018	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	39.5	—	—	0.453	mg/L	Y	—	NQ	2018-2462	CAPA-18-152852	GELC
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	Y	256	—	—	30	µg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248740	GELC
Starmer Spring	—	04/15/2021	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	177	—	—	30	µg/L	Y	—	NQ	N3B-2021-1319	CAPA-21-221760	GELC
Starmer Spring	—	09/17/2020	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	84.2	—	—	30	µg/L	Y	J	J	N3B-2020-1825	CAPA-20-206510	GELC
Starmer Spring	—	04/26/2019	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	612	—	—	30	µg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171706	GELC
Starmer Spring	—	04/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	104	—	—	30	µg/L	Y	—	NQ	2018-2462	CAPA-18-152852	GELC
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	4.22	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248740	GELC
Starmer Spring	—	04/15/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.3	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-1319	CAPA-21-221760	GELC
Starmer Spring	—	09/17/2020	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.59	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206510	GELC
Starmer Spring	—	04/26/2019	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.77	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171706	GELC
Starmer Spring	—	04/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.25	—	—	0.11	mg/L	Y	—	NQ	2018-2462	CAPA-18-152852	GELC
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.406	—	—	0.2	µg/L	Y	J	J	N3B-2022-1336	CAPA-22-248740	GELC
Starmer Spring	—	04/15/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.409	—	—	0.2	µg/L	Y	J	J	N3B-2021-1319	CAPA-21-221760	GELC
Starmer Spring	—	09/17/2020	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.669	—	—	0.2	µg/L	Y	J	J	N3B-2020-1825	CAPA-20-206510	GELC
Starmer Spring	—	04/26/2019	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.453	—	—	0.2	µg/L	Y	J	J	N3B-2019-1633	CAPA-19-171706	GELC
Starmer Spring	—	04/18/2018	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.386	—	—	0.2	µg/L	Y	J	J	2018-2462	CAPA-18-152852	GELC
Starmer Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.778	2.35	8.45	—	pCi/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC
Starmer Spring	—	04/15/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.237	2.14	7.46	—	pCi/L	Y	U	UJ	N3B-2021-1319	CAPA-21-221761	GELC
Starmer Spring	—	09/17/2020	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.461	2.68	9.81	—	pCi/L	Y	U	U	N3B-2020-1825	CAPA-20-206511	GELC
Starmer Spring	—	04/26/2019	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.603	1.5	5.53	—	pCi/L	Y	U	U	N3B-2019-1633	CAPA-19-171707	GELC
Starmer Spring	—	04/18/2018	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.15	2.74	10.6	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152853	GELC
Starmer Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.272	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248740	GELC
Starmer Spring	—	04/15/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.177	—	—	0.017	mg/L	Y	—	J-	N3B-2021-1319	CAPA-21-221760	GELC
Starmer Spring	—	09/17/2020	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.333	—	—	0.017	mg/L	Y	—	J+	N3B-2020-1825	CAPA-20-206510	GELC
Starmer Spring	—	04/26/2019	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.297	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171706	GELC
Starmer Spring	—	04/18/2018	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.286	—	—	0.017	mg/L	Y	—	NQ	2018-2462	CAPA-18-152852	GELC
Starmer Spring	—	04/19/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.332	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248740	GELC
Starmer Spring	—	04/15/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.277	—	—	0.05	µg/L	Y	—	J-	N3B-2021-1319	CAPA-21-221760	GELC
Starmer Spring	—	09/17/2020	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.268	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206510	GELC
Starmer Spring	—	04/26/2019	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.447	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171706	GELC
Starmer Spring	—	08/10/2010	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.212	—	—	0.05	µg/L	Y	—	NQ	10-4109	CAPA-10-24019	GELC
Starmer Spring	—	04/19/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0127	0.0127	0.0761	—	pCi/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC
Starmer Spring	—	04/15/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0124	0.00824	0.0446	—	pCi/L	Y	U	U	N3B-2021-1319	CAPA-21-221761	GELC
Starmer Spring	—	09/17/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00489	0.00489	0.0532	—	pCi/L	Y	U	U	N3B-2020-1825	CAPA-20-206511	GELC
Starmer Spring	—	04/26/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0134	0.0105	0.0631	—	pCi/L	Y	U	U	N3B-2019-1633	CAPA-19-171707	GELC
Starmer Spring	—	04/18/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00768	0.0109	0.0498	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152853	GELC
Starmer Spring	—	04/19/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0134	0.115	—	pCi/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC
Starmer Spring	—	04/15/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00823	0.00651	0.0463	—	pCi/L	Y	U	U	N3B-2021-1319	CAPA-21-221761	GELC
Starmer Spring	—	09/17/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0196	0.00915	0.072	—	pCi/L	Y	U	U	N3B-2020-1825	CAPA-20-206511	GELC
Starmer Spring	—	04/26/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00894	0.00948	0.0581	—	pCi/L	Y	U	U	N3B-2019-1633	CAPA-19-171707	GELC
Starmer Spring	—	04/18/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0119	0.00939	0.0538	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152853	GELC
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	3.39	—	—	0.05	mg/L	Y	—	J+	N3B-2022-1336	CAPA-22-248740	GELC
Starmer Spring	—	04/15/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.76	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1319	CAPA-21-221760	GELC
Starmer Spring	—	09/17/2020	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.09	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206510	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 (ft)	Sample Date	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
Starmer Spring	—	04/26/2019	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.48	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171706	GELC
Starmer Spring	—	04/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.43	—	—	0.05	mg/L	Y	—	NQ	2018-2462	CAPA-18-152852	GELC
Starmer Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-14.6	18.1	64.4	—	pCi/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248741	GELC
Starmer Spring	—	04/15/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-45.4	22.9	66.5	—	pCi/L	Y	U	UJ	N3B-2021-1319	CAPA-21-221761	GELC
Starmer Spring	—	09/17/2020	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.2	14.2	51.6	—	pCi/L	Y	U	U	N3B-2020-1825	CAPA-20-206511	GELC
Starmer Spring	—	04/26/2019	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	13.2	11.8	41.4	—	pCi/L	Y	U	U	N3B-2019-1633	CAPA-19-171707	GELC
Starmer Spring	—	04/18/2018	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	70.9	23.3	55.8	—	pCi/L	Y	UI	U	2018-2462	CAPA-18-152853	GELC
Starmer Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.493	0.145	0.319	—	pCi/L	Y	—	U	N3B-2022-1336	CAPA-22-248741	GELC
Starmer Spring	—	04/15/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.124	0.0654	0.189	—	pCi/L	Y	U	UJ	N3B-2021-1319	CAPA-21-221761	GELC
Starmer Spring	—	09/17/2020	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.427	0.151	0.405	—	pCi/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206511	GELC
Starmer Spring	—	04/19/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.33	0.286	—	—	pCi/L	Y	—	J+	N3B-2022-1336	CAPA-22-248741	GELC
Starmer Spring	—	04/15/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.465	0.201	—	—	pCi/L	Y	—	U	N3B-2021-1319	CAPA-21-221761	GELC
Starmer Spring	—	09/17/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.547	0.196	—	—	pCi/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206511	GELC
Starmer Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.839	0.246	0.643	—	pCi/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248741	GELC
Starmer Spring	—	04/15/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.342	0.19	0.621	—	pCi/L	Y	U	UJ	N3B-2021-1319	CAPA-21-221761	GELC
Starmer Spring	—	09/17/2020	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.119	0.126	0.44	—	pCi/L	Y	U	U	N3B-2020-1825	CAPA-20-206511	GELC
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	33.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248740	GELC
Starmer Spring	—	04/15/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	32.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-1319	CAPA-21-221760	GELC
Starmer Spring	—	09/17/2020	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	34.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206510	GELC
Starmer Spring	—	04/26/2019	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	33.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171706	GELC
Starmer Spring	—	04/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	29.3	—	—	0.053	mg/L	Y	—	NQ	2018-2462	CAPA-18-152852	GELC
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	26.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248740	GELC
Starmer Spring	—	04/15/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	18.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-1319	CAPA-21-221760	GELC
Starmer Spring	—	09/17/2020	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	28.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206510	GELC
Starmer Spring	—	04/26/2019	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171706	GELC
Starmer Spring	—	04/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.74	—	—	0.1	mg/L	Y	—	NQ	2018-2462	CAPA-18-152852	GELC
Starmer Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.136	1.27	4.83	—	pCi/L	Y	U	U	N3B-2022-1336	CAPA-22-248741	GELC
Starmer Spring	—	04/15/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.255	1.28	4.76	—	pCi/L	Y	U	UJ	N3B-2021-1319	CAPA-21-221761	GELC
Starmer Spring	—	09/17/2020	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.31	1.74	7.19	—	pCi/L	Y	U	U	N3B-2020-1825	CAPA-20-206511	GELC
Starmer Spring	—	04/26/2019	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.359	0.774	2.98	—	pCi/L	Y	U	U	N3B-2019-1633	CAPA-19-171707	GELC
Starmer Spring	—	04/18/2018	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.09	1.69	6.23	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152853	GELC
Starmer Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	276	—	—	1	µScm	Y	—	NQ	N3B-2022-1336	CAPA-22-248740	GELC
Starmer Spring	—	04/15/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	196	—	—	1	µScm	Y	—	J-	N3B-2021-1319	CAPA-21-221760	GELC
Starmer Spring	—	09/17/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	346	—	—	1	µScm	Y	—	NQ	N3B-2020-1825	CAPA-20-206510	GELC
Starmer Spring	—	04/26/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134	—	—	1	µScm	Y	—	NQ	N3B-2019-1633	CAPA-19-171706	GELC
Starmer Spring	—	04/18/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	151	—	—	1	µScm	Y	—	NQ	2018-2462	CAPA-18-152852	GELC
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	102	—	—	1	µg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248740	GELC
Starmer Spring	—	04/15/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	75.5	—	—	1	µg/L	Y	—	NQ	N3B-2021-1319	CAPA-21-221760	GELC
Starmer Spring	—	09/17/2020	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	168	—	—	1	µg/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206510	GELC
Starmer Spring	—	04/26/2019	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	60.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171706	GELC
Starmer Spring	—	04/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	78.5	—	—	1	µg/L	Y	—	NQ	2018-2462	CAPA-18-152852	GELC
Starmer Spring	—	04/19/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	0.494	0.16	0.476	—	pCi/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248741	GELC
Starmer Spring	—	04/15/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.128	0.0921	0.305	—	pCi/L	Y	U	U	N3B-2021-1319	CAPA-21-221761	GELC
Starmer Spring	—	09/17/2020	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.169	0.122	0.475	—	pCi/L	Y	U	U	N3B-2020-1825	CAPA-20-206511	GELC
Starmer Spring	—	04/26/2019	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.214	0.113	0.404	—	pCi/L	Y	U	U	N3B-2019-1633	CAPA-19-171707	GELC
Starmer Spring	—	04/18/2018	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.21	0.137	0.453	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152853	GELC
Starmer Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.45	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248740	GELC
Starmer Spring	—	04/15/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.47	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-1319	CAPA-21-221760	GELC
Starmer Spring	—	09/17/2020	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	8.14	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206510	GELC
Starmer Spring	—	04/26/2019	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	11	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171706	GELC
Starmer Spring	—	04/18/2018	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.16	—	—	0.133	mg/L	Y	—	NQ	2018-2462	CAPA-18-152852	GELC
Starmer Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	187	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248740	GELC
Starmer Spring	—	04/15/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	119	—	—	3.4	mg/L	Y	—	J-	N3B-2021-1319	CAPA-21-221760	GELC
Starmer Spring	—	09/17/2020	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	206	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206510	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 (ft)	Sample Date	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
Starmer Spring	—	04/26/2019	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	136	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171706	GELC
Starmer Spring	—	04/18/2018	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	121	—	—	3.4	mg/L	Y	—	NQ	2018-2462	CAPA-18-152852	GELC
Starmer Spring	—	04/19/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	1.72	—	—	0.33	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248741	GELC
Starmer Spring	—	04/15/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	1.7	—	—	0.33	mg/L	Y	—	J-	N3B-2021-1319	CAPA-21-221761	GELC
Starmer Spring	—	09/17/2020	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	2.22	—	—	0.33	mg/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206511	GELC
Starmer Spring	—	04/26/2019	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	4.99	—	—	0.33	mg/L	Y	—	NQ	N3B-2019-1633	CAPA-19-171707	GELC
Starmer Spring	—	04/18/2018	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	1.41	—	—	0.33	mg/L	Y	—	NQ	2018-2462	CAPA-18-152853	GELC
Starmer Spring	—	04/19/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.191	—	—	0.02	mg/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248740	GELC
Starmer Spring	—	04/15/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0839	—	—	0.02	mg/L	Y	—	UJ	N3B-2021-1319	CAPA-21-221760	GELC
Starmer Spring	—	09/17/2020	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.138	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206510	GELC
Starmer Spring	—	04/26/2019	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.103	—	—	0.02	mg/L	Y	—	U	N3B-2019-1633	CAPA-19-171706	GELC
Starmer Spring	—	04/18/2018	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.106	—	—	0.02	mg/L	Y	—	U	2018-2462	CAPA-18-152852	GELC
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.079	—	—	0.067	µg/L	Y	J	J	N3B-2022-1336	CAPA-22-248740	GELC
Starmer Spring	—	04/15/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2021-1319	CAPA-21-221760	GELC
Starmer Spring	—	09/17/2020	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.151	—	—	0.067	µg/L	Y	J	J	N3B-2020-1825	CAPA-20-206510	GELC
Starmer Spring	—	04/26/2019	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.099	—	—	0.067	µg/L	Y	J	J	N3B-2019-1633	CAPA-19-171706	GELC
Starmer Spring	—	04/18/2018	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	N	0.067	—	—	0.067	µg/L	Y	U	U	2018-2462	CAPA-18-152852	GELC
Starmer Spring	—	04/19/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.0556	0.0154	0.0518	—	pCi/L	Y	—	NQ	N3B-2022-1336	CAPA-22-248741	GELC
Starmer Spring	—	04/15/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0169	0.0159	0.0673	—	pCi/L	Y	U	UJ	N3B-2021-1319	CAPA-21-221761	GELC
Starmer Spring	—	09/17/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.109	0.026	0.0981	—	pCi/L	Y	—	NQ	N3B-2020-1825	CAPA-20-206511	GELC
Starmer Spring	—	04/26/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.0059	0.0217	0.155	—	pCi/L	Y	U	U	N3B-2019-1633	CAPA-19-171707	GELC
Starmer Spring	—	04/18/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	N	0.112	0.0221	0.122	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152853	GELC
Starmer Spring	—	04/19/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0165	0.011	0.0376	—	pCi/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248741	GELC
Starmer Spring	—	04/15/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0071	0.00666	0.0666	—	pCi/L	Y	U	U	N3B-2021-1319	CAPA-21-221761	GELC
Starmer Spring	—	09/17/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0145	0.0161	0.0647	—	pCi/L	Y	U	U	N3B-2020-1825	CAPA-20-206511	GELC
Starmer Spring	—	04/26/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00586	0.0101	0.112	—	pCi/L	Y	U	U	N3B-2019-1633	CAPA-19-171707	GELC
Starmer Spring	—	04/18/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0371	0.0137	0.0578	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152853	GELC
Starmer Spring	—	04/19/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0321	0.0114	0.048	—	pCi/L	Y	U	UJ	N3B-2022-1336	CAPA-22-248741	GELC
Starmer Spring	—	04/15/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0299	0.0122	0.0678	—	pCi/L	Y	U	U	N3B-2021-1319	CAPA-21-221761	GELC
Starmer Spring	—	09/17/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0426	0.0173	0.0878	—	pCi/L	Y	U	U	N3B-2020-1825	CAPA-20-206511	GELC
Starmer Spring	—	04/26/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.00948	0.0164	0.113	—	pCi/L	Y	U	U	N3B-2019-1633	CAPA-19-171707	GELC
Starmer Spring	—	04/18/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.04	0.0163	0.0746	—	pCi/L	Y	U	U	2018-2462	CAPA-18-152853	GELC
Starmer Spring	—	04/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	1.7	—	—	1	µg/L	Y	J	J	N3B-2022-1336	CAPA-22-248740	GELC
Starmer Spring	—	04/15/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.2	—	—	1	µg/L	Y	J	J	N3B-2021-1319	CAPA-21-221760	GELC
Starmer Spring	—	09/17/2020	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.08	—	—	1	µg/L	Y	J	J	N3B-2020-1825	CAPA-20-206510	GELC
Starmer Spring	—	04/26/2019	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.23	—	—	1	µg/L	Y	J	J	N3B-2019-1633	CAPA-19-171706	GELC
Starmer Spring	—	04/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.4	—	—	1	µg/L	Y	J	J	2018-2462	CAPA-18-152852	GELC
TW-2Ar	102.0	06/29/2022	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.59	—	—	0.01	SU	Y	H	J	N3B-2022-2089	CAPU-22-250837	GELC
TW-2Ar	102.0	06/18/2021	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.3	—	—	0.01	SU	Y	H	J	N3B-2021-1876	CAPU-21-229575	GELC
TW-2Ar	102.0	09/04/2020	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.36	—	—	0.01	SU	Y	H	NQ	N3B-2020-1708	CAPU-20-206454	GELC
TW-2Ar	102.0	06/21/2019	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.25	—	—	0.01	SU	Y	H	NQ	N3B-2019-2272	CAPU-19-181508	GELC
TW-2Ar	102.0	09/18/2018	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-2018-3908	CAPU-18-160782	GELC
TW-2Ar	102.0	06/29/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC
TW-2Ar	102.0	06/18/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	72.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-1876	CAPU-21-229575	GELC
TW-2Ar	102.0	09/04/2020	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	70.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206454	GELC
TW-2Ar	102.0	06/21/2019	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	71.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-2272	CAPU-19-181508	GELC
TW-2Ar	102.0	09/18/2018	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	71.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-3908	CAPU-18-160782	GELC
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00869	0.00687	0.0412	—	pCi/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC
TW-2Ar	102.0	06/18/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00903	0.00998	0.0534	—	pCi/L	Y	U	U	N3B-2021-1876	CAPU-21-229574	GELC
TW-2Ar	102.0	09/04/2020	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0176	0.00972	0.0455	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206455	GELC
TW-2Ar	102.0	06/21/2019	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0072	0.00805	0.0262	—	pCi/L	Y	U	U	N3B-2019-2272	CAPU-19-181509	GELC
TW-2Ar	102.0	09/18/2018	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00259	0.00686	0.0519	—	pCi/L	Y	U	U	N3B-2018-3908	CAPU-18-160783	GELC
TW-2Ar	102.0	06/29/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0344	—	—	0.017	mg/L	Y	J	J	N3B-2022-2089	CAPU-22-250837	GELC
TW-2Ar	102.0	06/18/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0353	—	—	0.017	mg/L	Y	J	J	N3B-2021-1876	CAPU-21-229575	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 (ft)	Sample Date	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
TW-2Ar	102.0	09/04/2020	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0458	—	—	0.017	mg/L	Y	J	U	N3B-2020-1708	CAPU-20-206454	GELC
TW-2Ar	102.0	06/21/2019	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2019-2272	CAPU-19-181508	GELC
TW-2Ar	102.0	09/18/2018	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0344	—	—	0.017	mg/L	Y	J	J	N3B-2018-3908	CAPU-18-160782	GELC
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	61.3	—	—	1	µg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC
TW-2Ar	102.0	06/18/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	62.1	—	—	1	µg/L	Y	—	NQ	N3B-2021-1876	CAPU-21-229575	GELC
TW-2Ar	102.0	09/04/2020	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	63.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206454	GELC
TW-2Ar	102.0	06/21/2019	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	66.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-2272	CAPU-19-181508	GELC
TW-2Ar	102.0	09/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	56.7	—	—	1	µg/L	Y	—	NQ	N3B-2018-3908	CAPU-18-160782	GELC
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	173	—	—	15	µg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC
TW-2Ar	102.0	06/18/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	149	—	—	15	µg/L	Y	—	NQ	N3B-2021-1876	CAPU-21-229575	GELC
TW-2Ar	102.0	09/04/2020	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	170	—	—	15	µg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206454	GELC
TW-2Ar	102.0	06/21/2019	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	159	—	—	15	µg/L	Y	—	NQ	N3B-2019-2272	CAPU-19-181508	GELC
TW-2Ar	102.0	09/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	153	—	—	15	µg/L	Y	—	NQ	N3B-2018-3908	CAPU-18-160782	GELC
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	34.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC
TW-2Ar	102.0	06/18/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	34.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1876	CAPU-21-229575	GELC
TW-2Ar	102.0	09/04/2020	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	36.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206454	GELC
TW-2Ar	102.0	06/21/2019	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	37.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2272	CAPU-19-181508	GELC
TW-2Ar	102.0	09/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	33.3	—	—	0.05	mg/L	Y	E	NQ	N3B-2018-3908	CAPU-18-160782	GELC
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.72	3.08	6.58	—	pCi/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC
TW-2Ar	102.0	06/18/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.3	1.24	4.53	—	pCi/L	Y	U	U	N3B-2021-1876	CAPU-21-229574	GELC
TW-2Ar	102.0	09/04/2020	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.502	1.06	4.08	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206455	GELC
TW-2Ar	102.0	06/21/2019	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.207	1	3.73	—	pCi/L	Y	U	U	N3B-2019-2272	CAPU-19-181509	GELC
TW-2Ar	102.0	09/18/2018	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.971	0.752	3.03	—	pCi/L	Y	U	U	N3B-2018-3908	CAPU-18-160783	GELC
TW-2Ar	102.0	06/29/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	44.4	—	—	0.67	mg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC
TW-2Ar	102.0	06/18/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	43	—	—	0.67	mg/L	Y	—	NQ	N3B-2021-1876	CAPU-21-229575	GELC
TW-2Ar	102.0	09/04/2020	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	43.3	—	—	0.67	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206454	GELC
TW-2Ar	102.0	06/21/2019	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	42.5	—	—	0.67	mg/L	Y	—	NQ	N3B-2019-2272	CAPU-19-181508	GELC
TW-2Ar	102.0	09/18/2018	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	44.2	—	—	0.67	mg/L	Y	—	NQ	N3B-2018-3908	CAPU-18-160782	GELC
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	Y	1.44	—	—	1	µg/L	Y	J	J	N3B-2022-2089	CAPU-22-250837	GELC
TW-2Ar	102.0	06/18/2021	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2021-1876	CAPU-21-229575	GELC
TW-2Ar	102.0	09/04/2020	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-1708	CAPU-20-206454	GELC
TW-2Ar	102.0	06/21/2019	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-2272	CAPU-19-181508	GELC
TW-2Ar	102.0	09/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2018-3908	CAPU-18-160782	GELC
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.658	1.89	7.24	—	pCi/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC
TW-2Ar	102.0	06/18/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.368	1.08	4.19	—	pCi/L	Y	U	U	N3B-2021-1876	CAPU-21-229574	GELC
TW-2Ar	102.0	09/04/2020	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.46	0.963	4.5	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206455	GELC
TW-2Ar	102.0	06/21/2019	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.773	1.03	4.48	—	pCi/L	Y	U	U	N3B-2019-2272	CAPU-19-181509	GELC
TW-2Ar	102.0	09/18/2018	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.61	0.825	3.64	—	pCi/L	Y	U	U	N3B-2018-3908	CAPU-18-160783	GELC
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	1.34	—	—	0.1	µg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250836	GELC
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3.09	—	—	3.09	µg/L	N	U	U	N3B-2022-2089	CAPU-22-250836	GELC
TW-2Ar	102.0	09/04/2020	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-1708	CAPU-20-206455	GELC
TW-2Ar	102.0	09/04/2020	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	1.16	—	—	0.1	µg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206455	GELC
TW-2Ar	102.0	09/18/2018	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.23	—	—	3.23	µg/L	Y	U	U	N3B-2018-3908	CAPU-18-160783	GELC
TW-2Ar	102.0	06/01/2016	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	5	—	—	1.5	µg/L	Y	U	U	2016-1296	CAPU-16-116854	GELC
TW-2Ar	102.0	06/01/2016	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	5.38	—	—	1.61	µg/L	Y	U	U	2016-1296	CAPU-16-116871	GELC
TW-2Ar	102.0	06/01/2015	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	5.15	—	—	1.55	µg/L	Y	U	U	2015-1327	CAPA-15-97492	GELC
TW-2Ar	102.0	06/29/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.289	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC
TW-2Ar	102.0	06/18/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.19	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1876	CAPU-21-229575	GELC
TW-2Ar	102.0	09/04/2020	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.245	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206454	GELC
TW-2Ar	102.0	06/21/2019	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.221	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2272	CAPU-19-181508	GELC
TW-2Ar	102.0	09/18/2018	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.152	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-3908	CAPU-18-160782	GELC
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.798	0.753	2.76	—	pCi/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC
TW-2Ar	102.0	06/18/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.863	0.765	2.76	—	pCi/L	Y	U	UJ	N3B-2021-1876	CAPU-21-229574	GELC
TW-2Ar	102.0	09/04/2020	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.213	0.571	2.79	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206455	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 (ft)	Sample Date	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
TW-2Ar	102.0	06/21/2019	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.483	0.732	2.84	—	pCi/L	Y	U	U	N3B-2019-2272	CAPU-19-181509	GELC
TW-2Ar	102.0	09/18/2018	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.32	0.996	2.82	—	pCi/L	Y	U	U	N3B-2018-3908	CAPU-18-160783	GELC
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	3.33	0.958	2.93	—	pCi/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250836	GELC
TW-2Ar	102.0	06/18/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.66	0.799	2.53	—	pCi/L	Y	U	UJ	N3B-2021-1876	CAPU-21-229574	GELC
TW-2Ar	102.0	09/04/2020	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.92	0.951	2.77	—	pCi/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206455	GELC
TW-2Ar	102.0	06/21/2019	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.58	0.929	2.83	—	pCi/L	Y	U	U	N3B-2019-2272	CAPU-19-181509	GELC
TW-2Ar	102.0	09/18/2018	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.09	0.736	1.94	—	pCi/L	Y	—	NQ	N3B-2018-3908	CAPU-18-160783	GELC
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	113	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC
TW-2Ar	102.0	06/18/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	114	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-1876	CAPU-21-229575	GELC
TW-2Ar	102.0	09/04/2020	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	120	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206454	GELC
TW-2Ar	102.0	06/21/2019	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	121	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-2272	CAPU-19-181508	GELC
TW-2Ar	102.0	09/18/2018	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	108	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-3908	CAPU-18-160782	GELC
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	6.48	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC
TW-2Ar	102.0	06/18/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-1876	CAPU-21-229575	GELC
TW-2Ar	102.0	09/04/2020	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.74	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206454	GELC
TW-2Ar	102.0	06/21/2019	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.64	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-2272	CAPU-19-181508	GELC
TW-2Ar	102.0	09/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.96	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-3908	CAPU-18-160782	GELC
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	Y	12.7	—	—	2	µg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC
TW-2Ar	102.0	06/18/2021	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	3.08	—	—	2	µg/L	Y	J	J	N3B-2021-1876	CAPU-21-229575	GELC
TW-2Ar	102.0	09/04/2020	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-1708	CAPU-20-206454	GELC
TW-2Ar	102.0	06/21/2019	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	2.9	—	—	2	µg/L	Y	J	J	N3B-2019-2272	CAPU-19-181508	GELC
TW-2Ar	102.0	09/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2018-3908	CAPU-18-160782	GELC
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.764	—	—	0.2	µg/L	Y	J	J	N3B-2022-2089	CAPU-22-250837	GELC
TW-2Ar	102.0	06/18/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	0.648	—	—	0.2	µg/L	Y	J	U	N3B-2021-1876	CAPU-21-229575	GELC
TW-2Ar	102.0	09/04/2020	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.74	—	—	0.2	µg/L	Y	J	J	N3B-2020-1708	CAPU-20-206454	GELC
TW-2Ar	102.0	06/21/2019	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.616	—	—	0.2	µg/L	Y	J	J	N3B-2019-2272	CAPU-19-181508	GELC
TW-2Ar	102.0	09/18/2018	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.668	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-3908	CAPU-18-160782	GELC
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.46	3.4	10.2	—	pCi/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC
TW-2Ar	102.0	06/18/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.72	2.38	9.07	—	pCi/L	Y	U	U	N3B-2021-1876	CAPU-21-229574	GELC
TW-2Ar	102.0	09/04/2020	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.779	1.73	6.74	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206455	GELC
TW-2Ar	102.0	06/21/2019	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.01	1.96	7.02	—	pCi/L	Y	U	U	N3B-2019-2272	CAPU-19-181509	GELC
TW-2Ar	102.0	09/18/2018	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.586	1.54	5.62	—	pCi/L	Y	U	U	N3B-2018-3908	CAPU-18-160783	GELC
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	30	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC
TW-2Ar	102.0	06/18/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	4.51	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-1876	CAPU-21-229575	GELC
TW-2Ar	102.0	09/04/2020	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	3.8	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206454	GELC
TW-2Ar	102.0	06/21/2019	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	6.61	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-2272	CAPU-19-181508	GELC
TW-2Ar	102.0	09/18/2018	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	9.87	—	—	0.6	µg/L	Y	—	NQ	N3B-2018-3908	CAPU-18-160782	GELC
TW-2Ar	102.0	06/29/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.55	—	—	0.085	mg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC
TW-2Ar	102.0	06/18/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.52	—	—	0.085	mg/L	Y	—	NQ	N3B-2021-1876	CAPU-21-229575	GELC
TW-2Ar	102.0	09/04/2020	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.32	—	—	0.17	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206454	GELC
TW-2Ar	102.0	06/21/2019	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.46	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-2272	CAPU-19-181508	GELC
TW-2Ar	102.0	09/18/2018	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.99	—	—	0.085	mg/L	Y	—	NQ	N3B-2018-3908	CAPU-18-160782	GELC
TW-2Ar	102.0	06/29/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.315	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC
TW-2Ar	102.0	06/18/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.326	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-1876	CAPU-21-229575	GELC
TW-2Ar	102.0	09/04/2020	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.325	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206454	GELC
TW-2Ar	102.0	06/21/2019	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.425	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-2272	CAPU-19-181508	GELC
TW-2Ar	102.0	09/18/2018	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.352	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-3908	CAPU-18-160782	GELC
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00356	0.00563	0.0364	—	pCi/L	Y	U	UJ	N3B-2022-2089	CAPU-22-250836	GELC
TW-2Ar	102.0	06/18/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00855	0.0669	—	pCi/L	Y	U	U	N3B-2021-1876	CAPU-21-229574	GELC
TW-2Ar	102.0	09/04/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0165	0.0097	0.045	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206455	GELC
TW-2Ar	102.0	06/21/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0197	0.00882	0.0349	—	pCi/L	Y	U	U	N3B-2019-2272	CAPU-19-181509	GELC
TW-2Ar	102.0	09/18/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00426	0.00998	0.0273	—	pCi/L	Y	U	U	N3B-2018-3908	CAPU-18-160783	GELC
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00356	0.00617	0.032	—	pCi/L	Y	U	UJ	N3B-2022-2089	CAPU-22-250836	GELC
TW-2Ar	102.0	06/18/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0027	0.00896	0.0678	—	pCi/L	Y	U	U	N3B-2021-1876	CAPU-21-229574	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 (ft)	Sample Date	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
TW-2Ar	102.0	09/04/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0103	0.00745	0.0608	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206455	GELC
TW-2Ar	102.0	06/21/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00986	0.00813	0.0381	—	pCi/L	Y	U	U	N3B-2019-2272	CAPU-19-181509	GELC
TW-2Ar	102.0	09/18/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0191	0.00975	0.0432	—	pCi/L	Y	U	U	N3B-2018-3908	CAPU-18-160783	GELC
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	2.26	—	—	0.05	mg/L	Y	—	J+	N3B-2022-2089	CAPU-22-250837	GELC
TW-2Ar	102.0	06/18/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.27	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1876	CAPU-21-229575	GELC
TW-2Ar	102.0	09/04/2020	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.5	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1708	CAPU-20-206454	GELC
TW-2Ar	102.0	06/21/2019	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.27	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-2272	CAPU-19-181508	GELC
TW-2Ar	102.0	09/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.65	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3908	CAPU-18-160782	GELC
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	51.2	64.2	61.3	—	pCi/L	Y	U	UJ	N3B-2022-2089	CAPU-22-250836	GELC
TW-2Ar	102.0	06/18/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-6.92	17.6	61.5	—	pCi/L	Y	U	U	N3B-2021-1876	CAPU-21-229574	GELC
TW-2Ar	102.0	09/04/2020	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-25.1	13.8	51.3	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206455	GELC
TW-2Ar	102.0	06/21/2019	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	10.6	12.9	56.6	—	pCi/L	Y	U	U	N3B-2019-2272	CAPU-19-181509	GELC
TW-2Ar	102.0	09/18/2018	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-7.85	10.9	40.3	—	pCi/L	Y	U	U	N3B-2018-3908	CAPU-18-160783	GELC
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.549	0.164	0.357	—	pCi/L	Y	—	U	N3B-2022-2089	CAPU-22-250836	GELC
TW-2Ar	102.0	06/18/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.019	0.0685	0.274	—	pCi/L	Y	U	UJ	N3B-2021-1876	CAPU-21-229574	GELC
TW-2Ar	102.0	09/04/2020	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.302	0.202	0.676	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206455	GELC
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.651	0.231	—	—	pCi/L	Y	J	U	N3B-2022-2089	CAPU-22-250836	GELC
TW-2Ar	102.0	06/18/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.019	0.186	—	—	pCi/L	Y	—	U	N3B-2021-1876	CAPU-21-229574	GELC
TW-2Ar	102.0	09/04/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.357	0.237	—	—	pCi/L	Y	—	U	N3B-2020-1708	CAPU-20-206455	GELC
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.102	0.162	0.577	—	pCi/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC
TW-2Ar	102.0	06/18/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.26	0.173	0.688	—	pCi/L	Y	U	U	N3B-2021-1876	CAPU-21-229574	GELC
TW-2Ar	102.0	09/04/2020	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0544	0.125	0.458	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206455	GELC
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	69.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC
TW-2Ar	102.0	06/18/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-1876	CAPU-21-229575	GELC
TW-2Ar	102.0	09/04/2020	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206454	GELC
TW-2Ar	102.0	06/21/2019	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-2272	CAPU-19-181508	GELC
TW-2Ar	102.0	09/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-3908	CAPU-18-160782	GELC
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	22.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC
TW-2Ar	102.0	06/18/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	21.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-1876	CAPU-21-229575	GELC
TW-2Ar	102.0	09/04/2020	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	23.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206454	GELC
TW-2Ar	102.0	06/21/2019	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	23.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-2272	CAPU-19-181508	GELC
TW-2Ar	102.0	09/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	21	—	—	0.1	mg/L	Y	E	NQ	N3B-2018-3908	CAPU-18-160782	GELC
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.964	1.63	5.91	—	pCi/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC
TW-2Ar	102.0	06/18/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.284	1.11	4.55	—	pCi/L	Y	U	U	N3B-2021-1876	CAPU-21-229574	GELC
TW-2Ar	102.0	09/04/2020	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.595	1.04	3.92	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206455	GELC
TW-2Ar	102.0	06/21/2019	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	3.98	1.76	3.9	—	pCi/L	Y	UI	U	N3B-2019-2272	CAPU-19-181509	GELC
TW-2Ar	102.0	09/18/2018	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.91	1.23	3.66	—	pCi/L	Y	U	U	N3B-2018-3908	CAPU-18-160783	GELC
TW-2Ar	102.0	06/29/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	389	—	—	1	µScm	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC
TW-2Ar	102.0	06/18/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	394	—	—	1	µScm	Y	—	NQ	N3B-2021-1876	CAPU-21-229575	GELC
TW-2Ar	102.0	09/04/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	379	—	—	1	µScm	Y	—	NQ	N3B-2020-1708	CAPU-20-206454	GELC
TW-2Ar	102.0	06/21/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	376	—	—	1	µScm	Y	—	NQ	N3B-2019-2272	CAPU-19-181508	GELC
TW-2Ar	102.0	09/18/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	368	—	—	1	µScm	Y	—	NQ	N3B-2018-3908	CAPU-18-160782	GELC
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	193	—	—	1	µg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC
TW-2Ar	102.0	06/18/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	195	—	—	1	µg/L	Y	—	NQ	N3B-2021-1876	CAPU-21-229575	GELC
TW-2Ar	102.0	09/04/2020	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	206	—	—	1	µg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206454	GELC
TW-2Ar	102.0	06/21/2019	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	197	—	—	1	µg/L	Y	—	NQ	N3B-2019-2272	CAPU-19-181508	GELC
TW-2Ar	102.0	09/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	175	—	—	1	µg/L	Y	E	NQ	N3B-2018-3908	CAPU-18-160782	GELC
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.264	0.134	0.496	—	pCi/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC
TW-2Ar	102.0	06/18/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.212	0.147	0.491	—	pCi/L	Y	U	U	N3B-2021-1876	CAPU-21-229574	GELC
TW-2Ar	102.0	09/04/2020	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0751	0.14	0.488	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206455	GELC
TW-2Ar	102.0	06/21/2019	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.339	0.115	0.486	—	pCi/L	Y	U	U	N3B-2019-2272	CAPU-19-181509	GELC
TW-2Ar	102.0	09/18/2018	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.00863	0.137	0.488	—	pCi/L	Y	U	U	N3B-2018-3908	CAPU-18-160783	GELC
TW-2Ar	102.0	06/29/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	28	—	—	0.133	mg/L	Y	—	J+	N3B-2022-2089	CAPU-22-250837	GELC
TW-2Ar	102.0	06/18/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	25.3	—	—	1.33	mg/L	Y	—	NQ	N3B-2021-1876	CAPU-21-229575	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 (ft)	Sample Date	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
TW-2Ar	102.0	09/04/2020	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	26.1	—	—	1.33	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206454	GELC
TW-2Ar	102.0	06/21/2019	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	24.8	—	—	1.33	mg/L	Y	—	NQ	N3B-2019-2272	CAPU-19-181508	GELC
TW-2Ar	102.0	09/18/2018	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	25.5	—	—	1.33	mg/L	Y	—	J+	N3B-2018-3908	CAPU-18-160782	GELC
TW-2Ar	102.0	06/29/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	290	—	—	3.4	mg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC
TW-2Ar	102.0	06/18/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	303	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-1876	CAPU-21-229575	GELC
TW-2Ar	102.0	09/04/2020	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	294	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206454	GELC
TW-2Ar	102.0	06/21/2019	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	309	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-2272	CAPU-19-181508	GELC
TW-2Ar	102.0	09/18/2018	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	279	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-3908	CAPU-18-160782	GELC
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.147	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250836	GELC
TW-2Ar	102.0	06/18/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.135	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1876	CAPU-21-229574	GELC
TW-2Ar	102.0	09/04/2020	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.169	—	—	0.033	mg/L	Y	—	U	N3B-2020-1708	CAPU-20-206455	GELC
TW-2Ar	102.0	06/21/2019	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.243	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-2272	CAPU-19-181509	GELC
TW-2Ar	102.0	09/18/2018	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.274	—	—	0.033	mg/L	Y	—	J+	N3B-2018-3908	CAPU-18-160783	GELC
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	15.2	—	—	0.33	mg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250836	GELC
TW-2Ar	102.0	06/18/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	18	—	—	0.33	mg/L	Y	—	NQ	N3B-2021-1876	CAPU-21-229574	GELC
TW-2Ar	102.0	09/04/2020	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	15.8	—	—	0.33	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206455	GELC
TW-2Ar	102.0	06/21/2019	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	13.8	—	—	0.33	mg/L	Y	—	NQ	N3B-2019-2272	CAPU-19-181509	GELC
TW-2Ar	102.0	09/18/2018	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	30.7	—	—	1.65	mg/L	Y	—	NQ	N3B-2018-3908	CAPU-18-160783	GELC
TW-2Ar	102.0	06/29/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.187	—	—	0.02	mg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC
TW-2Ar	102.0	06/18/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.206	—	—	0.02	mg/L	Y	—	U	N3B-2021-1876	CAPU-21-229575	GELC
TW-2Ar	102.0	09/04/2020	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.246	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206454	GELC
TW-2Ar	102.0	06/21/2019	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.118	—	—	0.02	mg/L	Y	—	J+	N3B-2019-2272	CAPU-19-181508	GELC
TW-2Ar	102.0	09/18/2018	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.361	—	—	0.02	mg/L	Y	—	J+	N3B-2018-3908	CAPU-18-160782	GELC
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	N	110	54.5	173	—	pCi/L	Y	U	UJ	N3B-2022-2089	CAPU-22-250836	GELC
TW-2Ar	102.0	09/04/2020	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	164	45.3	138	—	pCi/L	Y	—	NQ	N3B-2020-1735	CAPU-20-206455	GELC
TW-2Ar	102.0	09/18/2018	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	N	78.4	49.8	165	—	pCi/L	Y	U	U	N3B-2018-3908	CAPU-18-160783	GELC
TW-2Ar	102.0	06/20/2017	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	N	104	45	144	—	pCi/L	Y	U	U	2017-1781	CAPU-17-139105	GELC
TW-2Ar	102.0	06/01/2016	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	N	191	62.9	203	—	pCi/L	Y	U	U	2016-1296	CAPU-16-116871	GELC
TW-2Ar	102.0	06/01/2016	UF	INIT	FD	RAD	EPA:906.0	Tritium	H-3	Y	209	62.2	200	—	pCi/L	Y	—	NQ	2016-1296	CAPU-16-116854	GELC
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.25	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250837	GELC
TW-2Ar	102.0	06/18/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.261	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-1876	CAPU-21-229575	GELC
TW-2Ar	102.0	09/04/2020	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.281	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206454	GELC
TW-2Ar	102.0	06/21/2019	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.304	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-2272	CAPU-19-181508	GELC
TW-2Ar	102.0	09/18/2018	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.249	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-3908	CAPU-18-160782	GELC
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.501	0.0612	0.0882	—	pCi/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250836	GELC
TW-2Ar	102.0	06/18/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.164	0.0256	0.0656	—	pCi/L	Y	—	NQ	N3B-2021-1876	CAPU-21-229574	GELC
TW-2Ar	102.0	09/04/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.178	0.0305	0.0946	—	pCi/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206455	GELC
TW-2Ar	102.0	06/21/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.235	0.0323	0.0856	—	pCi/L	Y	—	NQ	N3B-2019-2272	CAPU-19-181509	GELC
TW-2Ar	102.0	09/18/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.268	0.0363	0.128	—	pCi/L	Y	—	NQ	N3B-2018-3908	CAPU-18-160783	GELC
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0122	0.0193	0.0917	—	pCi/L	Y	U	U	N3B-2022-2089	CAPU-22-250836	GELC
TW-2Ar	102.0	06/18/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00736	0.00736	0.0538	—	pCi/L	Y	U	U	N3B-2021-1876	CAPU-21-229574	GELC
TW-2Ar	102.0	09/04/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.017	0.0117	0.0624	—	pCi/L	Y	U	U	N3B-2020-1708	CAPU-20-206455	GELC
TW-2Ar	102.0	06/21/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0394	0.0162	0.0723	—	pCi/L	Y	U	U	N3B-2019-2272	CAPU-19-181509	GELC
TW-2Ar	102.0	09/18/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.022	0.0143	0.122	—	pCi/L	Y	U	U	N3B-2018-3908	CAPU-18-160783	GELC
TW-2Ar	102.0	06/29/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.252	0.0425	0.101	—	pCi/L	Y	—	NQ	N3B-2022-2089	CAPU-22-250836	GELC
TW-2Ar	102.0	06/18/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0744	0.0186	0.0683	—	pCi/L	Y	—	NQ	N3B-2021-1876	CAPU-21-229574	GELC
TW-2Ar	102.0	09/04/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0892	0.0212	0.0846	—	pCi/L	Y	—	NQ	N3B-2020-1708	CAPU-20-206455	GELC
TW-2Ar	102.0	06/21/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.142	0.0259	0.0683	—	pCi/L	Y	—	NQ	N3B-2019-2272	CAPU-19-181509	GELC
TW-2Ar	102.0	09/18/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0734	0.0207	0.0889	—	pCi/L	Y	U	U	N3B-2018-3908	CAPU-18-160783	GELC
TW-2Ar	102.0	06/29/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	3.62	—	—	3.3	µg/L	Y	J	J	N3B-2022-2089	CAPU-22-250837	GELC
TW-2Ar	102.0	06/18/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2021-1876	CAPU-21-229575	GELC
TW-2Ar	102.0	09/04/2020	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	10.9	—	—	3.3	µg/L	Y	J	U	N3B-2020-1708	CAPU-20-206454	GELC
TW-2Ar	102.0	06/21/2019	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-2272	CAPU-19-181508	GELC
TW-2Ar	102.0	09/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	9.1	—	—	3.3	µg/L	Y	J	J	N3B-2018-3908	CAPU-18-160782	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 (ft)	Sample Date	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
Upper La Mesita	—	10/12/2021	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-2022-64	CAWR-22-234630	GELC
Upper La Mesita	—	10/01/2020	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	0.01	SU	Y	H	NQ	N3B-2021-13	CAWR-21-208739	GELC
Upper La Mesita	—	10/01/2020	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.76	—	—	0.01	SU	Y	H	NQ	N3B-2021-13	CAWR-21-208741	GELC
Upper La Mesita	—	10/07/2019	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	0.01	SU	Y	H	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.89	—	—	0.01	SU	Y	H	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/10/2018	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.95	—	—	0.01	SU	Y	H	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/04/2017	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.94	—	—	0.01	SU	Y	H	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/12/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	131	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234630	GELC
Upper La Mesita	—	10/01/2020	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	136	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208739	GELC
Upper La Mesita	—	10/01/2020	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	133	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208741	GELC
Upper La Mesita	—	10/07/2019	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	132	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	133	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/10/2018	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	136	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/04/2017	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	132	—	—	1.45	mg/L	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.021	0.00914	0.0799	—	pCi/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC
Upper La Mesita	—	10/01/2020	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0177	0.0104	0.0459	—	pCi/L	Y	U	U	N3B-2021-13	CAWR-21-208740	GELC
Upper La Mesita	—	10/01/2020	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00259	0.01	0.0469	—	pCi/L	Y	U	U	N3B-2021-13	CAWR-21-208742	GELC
Upper La Mesita	—	10/07/2019	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.00997	0.0302	—	pCi/L	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00522	0.00826	0.0523	—	pCi/L	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/10/2018	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0171	0.00734	0.0584	—	pCi/L	Y	U	U	N3B-2019-100	CAWR-19-162030	GELC
Upper La Mesita	—	10/04/2017	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00802	0.00481	0.0281	—	pCi/L	Y	U	U	2018-195	CAWR-18-147344	GELC
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.07	—	—	2	µg/L	Y	J	J	N3B-2022-64	CAWR-22-234630	GELC
Upper La Mesita	—	10/01/2020	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2.64	—	—	2	µg/L	Y	J	U	N3B-2021-13	CAWR-21-208739	GELC
Upper La Mesita	—	10/01/2020	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	N	2.27	—	—	2	µg/L	Y	J	U	N3B-2021-13	CAWR-21-208741	GELC
Upper La Mesita	—	10/07/2019	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/10/2018	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/04/2017	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	101	—	—	1	µg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234630	GELC
Upper La Mesita	—	10/01/2020	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	111	—	—	1	µg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208739	GELC
Upper La Mesita	—	10/01/2020	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	114	—	—	1	µg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208741	GELC
Upper La Mesita	—	10/07/2019	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	100	—	—	1	µg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	98.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/10/2018	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	92.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/04/2017	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	94.2	—	—	1	µg/L	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	53	—	—	15	µg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234630	GELC
Upper La Mesita	—	10/01/2020	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	59	—	—	15	µg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208739	GELC
Upper La Mesita	—	10/01/2020	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	60.1	—	—	15	µg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208741	GELC
Upper La Mesita	—	10/07/2019	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	50.1	—	—	15	µg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	48.7	—	—	15	µg/L	Y	J	J	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/10/2018	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	51.2	—	—	15	µg/L	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/04/2017	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	46.7	—	—	15	µg/L	Y	J	J	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/12/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.143	—	—	0.067	mg/L	Y	J	J	N3B-2022-64	CAWR-22-234630	GELC
Upper La Mesita	—	10/01/2020	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.161	—	—	0.067	mg/L	Y	J	J	N3B-2021-13	CAWR-21-208739	GELC
Upper La Mesita	—	10/01/2020	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.16	—	—	0.067	mg/L	Y	J	J	N3B-2021-13	CAWR-21-208741	GELC
Upper La Mesita	—	10/07/2019	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/10/2018	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.165	—	—	0.067	mg/L	Y	J	J	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/04/2017	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.151	—	—	0.067	mg/L	Y	J	J	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	33.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234630	GELC
Upper La Mesita	—	10/01/2020	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	32.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208739	GELC
Upper La Mesita	—	10/01/2020	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	32.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208741	GELC
Upper La Mesita	—	10/07/2019	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	34.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	34.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186483	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 (ft)	Sample Date	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
Upper La Mesita	—	10/10/2018	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	32.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/04/2017	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	35.6	—	—	0.05	mg/L	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.01	1.1	4.18	—	pCi/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC
Upper La Mesita	—	10/01/2020	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.27	1.44	4.92	—	pCi/L	Y	U	U	N3B-2021-13	CAWR-21-208740	GELC
Upper La Mesita	—	10/01/2020	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.21	1.24	4.22	—	pCi/L	Y	U	U	N3B-2021-13	CAWR-21-208742	GELC
Upper La Mesita	—	10/07/2019	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.869	1.2	4.74	—	pCi/L	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.849	0.964	3.89	—	pCi/L	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/10/2018	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.08	1.18	3.97	—	pCi/L	Y	U	U	N3B-2019-100	CAWR-19-162030	GELC
Upper La Mesita	—	10/04/2017	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.69	1.49	5.99	—	pCi/L	Y	U	U	2018-195	CAWR-18-147344	GELC
Upper La Mesita	—	10/12/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	8.37	—	—	0.067	mg/L	Y	—	J+	N3B-2022-64	CAWR-22-234630	GELC
Upper La Mesita	—	10/01/2020	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.96	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208739	GELC
Upper La Mesita	—	10/01/2020	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.82	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208741	GELC
Upper La Mesita	—	10/07/2019	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	8.46	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	8.46	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/10/2018	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	8.72	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/04/2017	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	8.36	—	—	0.067	mg/L	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0762	1.28	4.9	—	pCi/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC
Upper La Mesita	—	10/01/2020	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.96	1.38	5	—	pCi/L	Y	U	U	N3B-2021-13	CAWR-21-208740	GELC
Upper La Mesita	—	10/01/2020	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.31	1.68	5.2	—	pCi/L	Y	U	U	N3B-2021-13	CAWR-21-208742	GELC
Upper La Mesita	—	10/07/2019	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.202	1.02	4.39	—	pCi/L	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.381	1.15	4.39	—	pCi/L	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/10/2018	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.4	1.15	4.89	—	pCi/L	Y	U	U	N3B-2019-100	CAWR-19-162030	GELC
Upper La Mesita	—	10/04/2017	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	4.37	1.71	8.21	—	pCi/L	Y	U	U	2018-195	CAWR-18-147344	GELC
Upper La Mesita	—	10/12/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.26	—	—	0.033	mg/L	Y	—	J-	N3B-2022-64	CAWR-22-234630	GELC
Upper La Mesita	—	10/01/2020	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.25	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208739	GELC
Upper La Mesita	—	10/01/2020	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.255	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208741	GELC
Upper La Mesita	—	10/07/2019	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.355	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.354	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/10/2018	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.283	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/04/2017	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.203	—	—	0.033	mg/L	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	9.64	1.84	2.97	—	pCi/L	Y	—	UJ	N3B-2022-64	CAWR-22-234629	GELC
Upper La Mesita	—	10/01/2020	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	6.91	1.72	2.74	—	pCi/L	Y	—	NQ	N3B-2021-13	CAWR-21-208740	GELC
Upper La Mesita	—	10/01/2020	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	Y	6.08	1.4	2.89	—	pCi/L	Y	—	NQ	N3B-2021-13	CAWR-21-208742	GELC
Upper La Mesita	—	10/07/2019	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	10.4	1.59	2.69	—	pCi/L	Y	—	NQ	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	Y	9.44	1.49	2.65	—	pCi/L	Y	—	NQ	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/10/2018	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	9.33	1.55	2.74	—	pCi/L	Y	—	NQ	N3B-2019-100	CAWR-19-162030	GELC
Upper La Mesita	—	10/04/2017	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	9.13	1.73	2.88	—	pCi/L	Y	—	NQ	2018-195	CAWR-18-147344	GELC
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.97	0.894	2.52	—	pCi/L	Y	—	NQ	N3B-2022-64	CAWR-22-234629	GELC
Upper La Mesita	—	10/01/2020	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.45	1.01	2.69	—	pCi/L	Y	—	NQ	N3B-2021-13	CAWR-21-208740	GELC
Upper La Mesita	—	10/01/2020	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	5.71	1.06	2.97	—	pCi/L	Y	—	NQ	N3B-2021-13	CAWR-21-208742	GELC
Upper La Mesita	—	10/07/2019	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.99	1.03	2.96	—	pCi/L	Y	—	NQ	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	7.73	1.08	2.94	—	pCi/L	Y	—	NQ	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/10/2018	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.967	0.602	1.93	—	pCi/L	Y	U	U	N3B-2019-100	CAWR-19-162030	GELC
Upper La Mesita	—	10/04/2017	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.46	0.842	2.22	—	pCi/L	Y	—	NQ	2018-195	CAWR-18-147344	GELC
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	90.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234630	GELC
Upper La Mesita	—	10/01/2020	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	85.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208739	GELC
Upper La Mesita	—	10/01/2020	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	86.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208741	GELC
Upper La Mesita	—	10/07/2019	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	91.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	91.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/10/2018	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	89.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/04/2017	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	94.6	—	—	0.453	mg/L	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	1.38	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234630	GELC
Upper La Mesita	—	10/01/2020	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.33	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208739	GELC
Upper La Mesita	—	10/01/2020	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.35	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208741	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 (ft)	Sample Date	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
Upper La Mesita	—	10/07/2019	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.39	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.41	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/10/2018	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.67	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/04/2017	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.41	—	—	0.11	mg/L	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.59	—	—	0.2	µg/L	Y	—	J+	N3B-2022-64	CAWR-22-234630	GELC
Upper La Mesita	—	10/01/2020	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.22	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208739	GELC
Upper La Mesita	—	10/01/2020	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.25	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208741	GELC
Upper La Mesita	—	10/07/2019	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.28	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.28	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/10/2018	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.22	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/04/2017	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.26	—	—	0.2	µg/L	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.806	2.4	8.86	—	pCi/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC
Upper La Mesita	—	10/01/2020	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.02	3.04	9.73	—	pCi/L	Y	U	U	N3B-2021-13	CAWR-21-208740	GELC
Upper La Mesita	—	10/01/2020	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.0434	2.63	8.76	—	pCi/L	Y	U	U	N3B-2021-13	CAWR-21-208742	GELC
Upper La Mesita	—	10/07/2019	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.649	2.02	7.77	—	pCi/L	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.627	1.95	7.24	—	pCi/L	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/10/2018	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.75	2.11	7.86	—	pCi/L	Y	U	U	N3B-2019-100	CAWR-19-162030	GELC
Upper La Mesita	—	10/04/2017	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.06	2.25	8.17	—	pCi/L	Y	U	U	2018-195	CAWR-18-147344	GELC
Upper La Mesita	—	10/12/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.32	—	—	0.17	mg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234630	GELC
Upper La Mesita	—	10/01/2020	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.91	—	—	0.085	mg/L	Y	—	J-	N3B-2021-13	CAWR-21-208739	GELC
Upper La Mesita	—	10/01/2020	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.92	—	—	0.085	mg/L	Y	—	J-	N3B-2021-13	CAWR-21-208741	GELC
Upper La Mesita	—	10/07/2019	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.14	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.19	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/10/2018	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.14	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/04/2017	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.22	—	—	0.085	mg/L	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/12/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.909	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234630	GELC
Upper La Mesita	—	10/01/2020	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.855	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208739	GELC
Upper La Mesita	—	10/01/2020	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.836	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208741	GELC
Upper La Mesita	—	10/07/2019	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.843	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.797	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/10/2018	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.846	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/04/2017	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.891	—	—	0.05	µg/L	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00403	0.00637	0.0443	—	pCi/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC
Upper La Mesita	—	10/01/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00389	0.0178	0.0846	—	pCi/L	Y	U	U	N3B-2021-13	CAWR-21-208740	GELC
Upper La Mesita	—	10/01/2020	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0199	0.00786	0.054	—	pCi/L	Y	U	U	N3B-2021-13	CAWR-21-208742	GELC
Upper La Mesita	—	10/07/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00517	0.011	0.0452	—	pCi/L	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0161	0.0127	0.073	—	pCi/L	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/10/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0069	0.0069	0.0399	—	pCi/L	Y	U	U	N3B-2019-100	CAWR-19-162030	GELC
Upper La Mesita	—	10/04/2017	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00458	0.00793	0.0397	—	pCi/L	Y	U	U	2018-195	CAWR-18-147344	GELC
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0161	0.0107	0.0441	—	pCi/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC
Upper La Mesita	—	10/01/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.035	0.021	0.115	—	pCi/L	Y	U	U	N3B-2021-13	CAWR-21-208740	GELC
Upper La Mesita	—	10/01/2020	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00608	0.0731	—	pCi/L	Y	U	U	N3B-2021-13	CAWR-21-208742	GELC
Upper La Mesita	—	10/07/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0439	0.0134	0.0488	—	pCi/L	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0121	0.0184	0.0708	—	pCi/L	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/10/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0046	0.00976	0.0439	—	pCi/L	Y	U	U	N3B-2019-100	CAWR-19-162030	GELC
Upper La Mesita	—	10/04/2017	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00915	0.0102	0.0514	—	pCi/L	Y	U	U	2018-195	CAWR-18-147344	GELC
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	2.76	—	—	0.05	mg/L	Y	—	J+	N3B-2022-64	CAWR-22-234630	GELC
Upper La Mesita	—	10/01/2020	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.71	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208739	GELC
Upper La Mesita	—	10/01/2020	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.78	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208741	GELC
Upper La Mesita	—	10/07/2019	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.81	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.78	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/10/2018	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.63	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/04/2017	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.69	—	—	0.05	mg/L	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-1.05	19.2	72.4	—	pCi/L	Y	U	UJ	N3B-2022-64	CAWR-22-234629	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 (ft)	Sample Date	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
Upper La Mesita	—	10/01/2020	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	8.32	21.8	50.4	—	pCi/L	Y	U	U	N3B-2021-13	CAWR-21-208740	GELC
Upper La Mesita	—	10/01/2020	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	6.31	16.2	67.6	—	pCi/L	Y	U	U	N3B-2021-13	CAWR-21-208742	GELC
Upper La Mesita	—	10/07/2019	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	25.8	19.4	82.4	—	pCi/L	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-35.2	13.6	46.2	—	pCi/L	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/10/2018	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-5.57	17.2	57.2	—	pCi/L	Y	U	U	N3B-2019-100	CAWR-19-162030	GELC
Upper La Mesita	—	10/04/2017	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-10.9	20.1	75.7	—	pCi/L	Y	U	U	2018-195	CAWR-18-147344	GELC
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	2.27	0.307	0.298	—	pCi/L	Y	—	U	N3B-2022-64	CAWR-22-234629	GELC
Upper La Mesita	—	10/01/2020	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	1.45	0.23	0.381	—	pCi/L	Y	—	U	N3B-2021-13	CAWR-21-208740	GELC
Upper La Mesita	—	10/01/2020	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.469	0.126	0.264	—	pCi/L	Y	—	U	N3B-2021-13	CAWR-21-208742	GELC
Upper La Mesita	—	10/07/2019	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.357	0.126	0.329	—	pCi/L	Y	—	NQ	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.697	0.183	0.405	—	pCi/L	Y	—	NQ	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	2.82	0.353	—	—	pCi/L	Y	—	U	N3B-2022-64	CAWR-22-234629	GELC
Upper La Mesita	—	10/01/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	1.53	0.29	—	—	pCi/L	Y	—	U	N3B-2021-13	CAWR-21-208740	GELC
Upper La Mesita	—	10/01/2020	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.469	0.273	—	—	pCi/L	Y	—	U	N3B-2021-13	CAWR-21-208742	GELC
Upper La Mesita	—	10/07/2019	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.357	0.192	—	—	pCi/L	Y	—	NQ	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.03	0.249	—	—	pCi/L	Y	—	NQ	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.552	0.174	0.451	—	pCi/L	Y	—	U	N3B-2022-64	CAWR-22-234629	GELC
Upper La Mesita	—	10/01/2020	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0706	0.178	0.63	—	pCi/L	Y	U	U	N3B-2021-13	CAWR-21-208740	GELC
Upper La Mesita	—	10/01/2020	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	-0.0118	0.242	0.872	—	pCi/L	Y	U	U	N3B-2021-13	CAWR-21-208742	GELC
Upper La Mesita	—	10/07/2019	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0985	0.145	0.574	—	pCi/L	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.33	0.169	0.544	—	pCi/L	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	28.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234630	GELC
Upper La Mesita	—	10/01/2020	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	25.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208739	GELC
Upper La Mesita	—	10/01/2020	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	26.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208741	GELC
Upper La Mesita	—	10/07/2019	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	27.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	27.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/10/2018	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	25.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/04/2017	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	26.8	—	—	0.053	mg/L	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	30.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234630	GELC
Upper La Mesita	—	10/01/2020	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	27.1	—	—	0.1	mg/L	Y	—	J-	N3B-2021-13	CAWR-21-208739	GELC
Upper La Mesita	—	10/01/2020	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	27.5	—	—	0.1	mg/L	Y	—	J-	N3B-2021-13	CAWR-21-208741	GELC
Upper La Mesita	—	10/07/2019	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	29.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	29.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/10/2018	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	28.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/04/2017	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	29.5	—	—	0.1	mg/L	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.88	1.07	4.48	—	pCi/L	Y	U	U	N3B-2022-64	CAWR-22-234629	GELC
Upper La Mesita	—	10/01/2020	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.293	1.33	5.31	—	pCi/L	Y	U	U	N3B-2021-13	CAWR-21-208740	GELC
Upper La Mesita	—	10/01/2020	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.379	0.918	4.12	—	pCi/L	Y	U	U	N3B-2021-13	CAWR-21-208742	GELC
Upper La Mesita	—	10/07/2019	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.257	0.995	4.31	—	pCi/L	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.014	0.959	3.89	—	pCi/L	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/10/2018	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.16	1.24	4.32	—	pCi/L	Y	U	U	N3B-2019-100	CAWR-19-162030	GELC
Upper La Mesita	—	10/04/2017	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.36	1.37	4.79	—	pCi/L	Y	U	U	2018-195	CAWR-18-147344	GELC
Upper La Mesita	—	10/12/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	372	—	—	1	µScm	Y	—	NQ	N3B-2022-64	CAWR-22-234630	GELC
Upper La Mesita	—	10/01/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	321	—	—	1	µScm	Y	—	NQ	N3B-2021-13	CAWR-21-208739	GELC
Upper La Mesita	—	10/01/2020	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	332	—	—	1	µScm	Y	—	NQ	N3B-2021-13	CAWR-21-208741	GELC
Upper La Mesita	—	10/07/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	298	—	—	1	µScm	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	299	—	—	1	µScm	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/10/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	323	—	—	1	µScm	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/04/2017	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	345	—	—	1	µScm	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	756	—	—	1	µg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234630	GELC
Upper La Mesita	—	10/01/2020	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	768	—	—	1	µg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208739	GELC
Upper La Mesita	—	10/01/2020	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	781	—	—	1	µg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208741	GELC
Upper La Mesita	—	10/07/2019	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	765	—	—	1	µg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	763	—	—	1	µg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186483	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 (ft)	Sample Date	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
Upper La Mesita	—	10/10/2018	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	704	—	—	1	µg/L	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/04/2017	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	715	—	—	1	µg/L	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.353	0.144	0.446	—	pCi/L	Y	U	UJ	N3B-2022-64	CAWR-22-234629	GELC
Upper La Mesita	—	10/01/2020	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0448	0.139	0.489	—	pCi/L	Y	U	U	N3B-2021-13	CAWR-21-208740	GELC
Upper La Mesita	—	10/01/2020	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.173	0.142	0.479	—	pCi/L	Y	U	U	N3B-2021-13	CAWR-21-208742	GELC
Upper La Mesita	—	10/07/2019	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0547	0.111	0.372	—	pCi/L	Y	U	U	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.147	0.13	0.443	—	pCi/L	Y	U	U	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/10/2018	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0847	0.111	0.374	—	pCi/L	Y	U	U	N3B-2019-100	CAWR-19-162030	GELC
Upper La Mesita	—	10/04/2017	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.115	0.151	0.522	—	pCi/L	Y	U	U	2018-195	CAWR-18-147344	GELC
Upper La Mesita	—	10/12/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	15	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234630	GELC
Upper La Mesita	—	10/01/2020	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	14.3	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208739	GELC
Upper La Mesita	—	10/01/2020	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	14.3	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208741	GELC
Upper La Mesita	—	10/07/2019	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	14.8	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	14.8	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/10/2018	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	15.1	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/04/2017	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	15	—	—	0.133	mg/L	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/12/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	191	—	—	3.4	mg/L	Y	—	J+	N3B-2022-64	CAWR-22-234630	GELC
Upper La Mesita	—	10/01/2020	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	197	—	—	3.4	mg/L	Y	—	J+	N3B-2021-13	CAWR-21-208739	GELC
Upper La Mesita	—	10/01/2020	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	201	—	—	3.4	mg/L	Y	—	J+	N3B-2021-13	CAWR-21-208741	GELC
Upper La Mesita	—	10/07/2019	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	193	—	—	3.4	mg/L	Y	—	J	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	174	—	—	3.4	mg/L	Y	—	J	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/10/2018	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	154	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/04/2017	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	173	—	—	3.4	mg/L	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/12/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0225	—	—	0.02	mg/L	Y	J	J	N3B-2022-64	CAWR-22-234630	GELC
Upper La Mesita	—	10/01/2020	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0819	—	—	0.02	mg/L	Y	—	U	N3B-2021-13	CAWR-21-208739	GELC
Upper La Mesita	—	10/01/2020	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.109	—	—	0.02	mg/L	Y	—	U	N3B-2021-13	CAWR-21-208741	GELC
Upper La Mesita	—	10/07/2019	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0575	—	—	0.02	mg/L	Y	—	U	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0303	—	—	0.02	mg/L	Y	J	U	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/10/2018	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0223	—	—	0.02	mg/L	Y	J	J	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/04/2017	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.192	—	—	0.02	mg/L	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-2.106	0.914	3.006	—	pCi/L	Y	U	UJ	N3B-2022-120	CAWR-22-234629	ARSL
Upper La Mesita	—	10/01/2020	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.438	0.938	3.183	—	pCi/L	Y	U	U	N3B-2021-45	CAWR-21-208740	ARSL
Upper La Mesita	—	10/01/2020	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.442	0.862	2.926	—	pCi/L	Y	U	U	N3B-2021-45	CAWR-21-208742	ARSL
Upper La Mesita	—	10/07/2019	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.086	0.857	2.916	—	pCi/L	Y	U	U	N3B-2020-89	CAWR-20-186482	ARSL
Upper La Mesita	—	10/07/2019	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.183	0.75	2.559	—	pCi/L	Y	U	U	N3B-2020-89	CAWR-20-186484	ARSL
Upper La Mesita	—	10/10/2018	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.193	0.975	3.176	—	pCi/L	Y	U	U	N3B-2019-125	CAWR-19-162030	ARSL
Upper La Mesita	—	10/04/2017	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.212	0.879	2.842	—	pCi/L	Y	U*	U	2018-217	CAWR-18-147344	ARSL
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	8.61	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-64	CAWR-22-234630	GELC
Upper La Mesita	—	10/01/2020	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	8.99	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208739	GELC
Upper La Mesita	—	10/01/2020	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	9.21	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-13	CAWR-21-208741	GELC
Upper La Mesita	—	10/07/2019	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	9.11	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	9.09	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/10/2018	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	8.4	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/04/2017	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	8.97	—	—	0.067	µg/L	Y	—	NQ	2018-195	CAWR-18-147342	GELC
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	4.48	0.23	0.0506	—	pCi/L	Y	—	NQ	N3B-2022-64	CAWR-22-234629	GELC
Upper La Mesita	—	10/01/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	5.29	0.131	0.0758	—	pCi/L	Y	—	NQ	N3B-2021-13	CAWR-21-208740	GELC
Upper La Mesita	—	10/01/2020	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	4.99	0.118	0.0651	—	pCi/L	Y	—	NQ	N3B-2021-13	CAWR-21-208742	GELC
Upper La Mesita	—	10/07/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	5.11	0.105	0.0469	—	pCi/L	Y	—	NQ	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	5.31	0.118	0.0575	—	pCi/L	Y	—	NQ	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/10/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	4.66	0.0978	0.069	—	pCi/L	Y	—	NQ	N3B-2019-100	CAWR-19-162030	GELC
Upper La Mesita	—	10/04/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	5.41	0.172	0.102	—	pCi/L	Y	—	NQ	2018-195	CAWR-18-147344	GELC
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.151	0.0212	0.0396	—	pCi/L	Y	—	NQ	N3B-2022-64	CAWR-22-234629	GELC
Upper La Mesita	—	10/01/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.188	0.028	0.0492	—	pCi/L	Y	—	NQ	N3B-2021-13	CAWR-21-208740	GELC
Upper La Mesita	—	10/01/2020	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.172	0.0252	0.0423	—	pCi/L	Y	—	NQ	N3B-2021-13	CAWR-21-208742	GELC
Upper La Mesita	—	10/07/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.201	0.0243	0.0347	—	pCi/L	Y	—	NQ	N3B-2020-47	CAWR-20-186482	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 (ft)	Sample Date	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
Upper La Mesita	—	10/07/2019	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.175	0.0247	0.041	—	pCi/L	Y	—	NQ	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/10/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.191	0.0228	0.0669	—	pCi/L	Y	—	NQ	N3B-2019-100	CAWR-19-162030	GELC
Upper La Mesita	—	10/04/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.28	0.0453	0.109	—	pCi/L	Y	—	NQ	2018-195	CAWR-18-147344	GELC
Upper La Mesita	—	10/12/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	2.63	0.143	0.0491	—	pCi/L	Y	—	NQ	N3B-2022-64	CAWR-22-234629	GELC
Upper La Mesita	—	10/01/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	3.15	0.101	0.0677	—	pCi/L	Y	—	NQ	N3B-2021-13	CAWR-21-208740	GELC
Upper La Mesita	—	10/01/2020	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	3.02	0.0917	0.0581	—	pCi/L	Y	—	NQ	N3B-2021-13	CAWR-21-208742	GELC
Upper La Mesita	—	10/07/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	2.96	0.0805	0.0311	—	pCi/L	Y	—	NQ	N3B-2020-47	CAWR-20-186482	GELC
Upper La Mesita	—	10/07/2019	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	3.24	0.0923	0.0674	—	pCi/L	Y	—	NQ	N3B-2020-47	CAWR-20-186484	GELC
Upper La Mesita	—	10/10/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	2.87	0.0769	0.0682	—	pCi/L	Y	—	NQ	N3B-2019-100	CAWR-19-162030	GELC
Upper La Mesita	—	10/04/2017	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	3.7	0.142	0.0989	—	pCi/L	Y	—	NQ	2018-195	CAWR-18-147344	GELC
Upper La Mesita	—	10/12/2021	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	3.92	—	—	1	µg/L	Y	J	J	N3B-2022-64	CAWR-22-234630	GELC
Upper La Mesita	—	10/01/2020	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.43	—	—	1	µg/L	Y	J	J	N3B-2021-13	CAWR-21-208739	GELC
Upper La Mesita	—	10/01/2020	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	3.67	—	—	1	µg/L	Y	J	J	N3B-2021-13	CAWR-21-208741	GELC
Upper La Mesita	—	10/07/2019	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.05	—	—	1	µg/L	Y	J	J	N3B-2020-47	CAWR-20-186481	GELC
Upper La Mesita	—	10/07/2019	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	3.73	—	—	1	µg/L	Y	J	J	N3B-2020-47	CAWR-20-186483	GELC
Upper La Mesita	—	10/10/2018	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.4	—	—	1	µg/L	Y	J	J	N3B-2019-100	CAWR-19-162029	GELC
Upper La Mesita	—	10/04/2017	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.27	—	—	1	µg/L	Y	J	J	2018-195	CAWR-18-147342	GELC

Appendix D

Groundwater Results Greater than Half of Screening Values

Zone	Location ID	Screen Depth (ft)	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 Unit	Dilution Factor	Lab Qualifier	Validation Qualifier	Validation Reason Code	Best Value	Lab Method	Lab ID	Screening Level	Reporting Level Code	Result per Screening Level
Spring	Sacred Spring	—[a]	10/12/2021	Inorganic	Manganese	Mn	F[b]	INIT[c]	REG[d]	Y[e]	215	2.00	µg/L	1.00	—	NQ[f]	NQ	Y	SW-846:6010D	GELC[g]	200	NM GW STD[h]	1.08
Spring	Spring 1	—	10/07/2021	Inorganic	Arsenic	As	F	INIT	REG	Y	5.17	2.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	10	NM GW STD	0.52
Spring	Spring 2	—	04/20/2022	Inorganic	Arsenic	As	F	INIT	REG	Y	10	2.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6020B	GELC	10	NM GW STD	1.00
Spring	Spring 2	—	04/20/2022	Inorganic	Vanadium	V	F	INIT	REG	Y	40.2	1.00	µg/L	1.00	—	NQ	NQ	Y	SW-846:6010D	GELC	63.1	NMED A1 TAP SCRN LVL[i]	0.64
Alluvial	18-MW-18	12.5	04/11/2022	General Chemistry	Chloride	Cl(-1)	F	INIT	REG	Y	346	3.35	mg/L	50.0	—	NQ	NQ	Y	EPA:300.0	GELC	250	NM GW STD	1.38
Alluvial	18-MW-18	12.5	04/11/2022	General Chemistry	Total Dissolved Solids	TDS	F	INIT	REG	Y	733	3.40	mg/L	1.00	—	J[j]	I10er[k]	Y	EPA:160.1	GELC	1000	NM GW STD	0.73
Alluvial	LAUZ-1	5.4	06/23/2022	General Chemistry	Chloride	Cl(-1)	F	INIT	REG	Y	145	2.68	mg/L	40.0	—	J+[l]	I4g[m]	Y	EPA:300.0	GELC	250	NM GW STD	0.58
Alluvial	LAUZ-1	5.4	06/23/2022	Inorganic	Iron	Fe	F	INIT	REG	Y	762	30.0	µg/L	1.00	—	J+	I4g	Y	SW-846:6010D	GELC	1000	NM GW STD	0.76
Alluvial	LAUZ-1	5.4	06/23/2022	LCMS/MS[n]	Perfluorooctanesulfonic acid	1763-23-1	UF[o]	INIT	REG	Y	135	0.808	ng/L	1.00	—	NQ	NQ	Y	EPA:537M	GELC	60	NMED A1 TAP SCRN LVL	2.25
Alluvial	LAUZ-1	5.4	06/23/2022	LCMS/MS	Perfluorooctanoic acid	335-67-1	UF	INIT	REG	Y	81.6	0.808	ng/L	1.00	—	NQ	NQ	Y	EPA:537M	GELC	60	NMED A1 TAP SCRN LVL	1.36
Alluvial	LAUZ-1	5.4	06/23/2022	Rad	Strontium-90	Sr-90	UF	INIT	REG	Y	6.01	—	pCi/L	1.00	—	NQ	NQ	Y	EPA:905.0	GELC	8	EPA MCL[p]	0.75
Alluvial	MCO-7	39.0	07/26/2021	General Chemistry	Fluoride	F(-1)	F	INIT	REG	Y	1.07	0.0330	mg/L	1.00	—	NQ	NQ	Y	EPA:300.0	GELC	1.6	NM GW STD	0.67
Alluvial	MCO-7	39.0	07/26/2021	LCMS/MS	Perfluorooctanesulfonic acid	1763-23-1	UF	INIT	FD[q]	Y	30.3	0.715	ng/L	1.00	—	NQ	NQ	Y	EPA:537M	GELC	60	NMED A1 TAP SCRN LVL	0.50
Alluvial	MCO-7	39.0	07/26/2021	LCMS/MS	Perfluorooctanesulfonic acid	1763-23-1	UF	INIT	REG	Y	30.6	0.706	ng/L	1.00	—	NQ	NQ	Y	EPA:537M	GELC	60	NMED A1 TAP SCRN LVL	0.51
Alluvial	PAO-5n	7.4	06/24/2022	LCMS/MS	Perfluorooctanesulfonic acid	1763-23-1	UF	INIT	REG	Y	143	0.823	ng/L	1.00	—	NQ	NQ	Y	EPA:537M	GELC	60	NMED A1 TAP SCRN LVL	2.38
Alluvial	PAO-5n	7.4	06/24/2022	LCMS/MS	Perfluorooctanoic acid	335-67-1	UF	INIT	REG	Y	39.5	0.823	ng/L	1.00	—	NQ	NQ	Y	EPA:537M	GELC	60	NMED A1 TAP SCRN LVL	0.66
Intermediate	03-B-13	21.5	04/05/2022	Inorganic	Aluminum	Al	F	INIT	REG	Y	3970	68.0	µg/L	1.00	—	NQ	NQ	Y	SW-846:6010D	GELC	5000	NM GW STD	0.79
Intermediate	03-B-13	21.5	04/05/2022	Inorganic	Iron	Fe	F	INIT	REG	Y	2170	30.0	µg/L	1.00	—	NQ	NQ	Y	SW-846:6010D	GELC	1000	NM GW STD	2.17
Intermediate	03-B-13	21.5	04/05/2022	SVOC[r]	Dioxane[1,4-]	123-91-1	UF	INIT	REG	Y	3.2	0.100	µg/L	1.00	B	J+	SV4g[s] SV4a[t]	Y	SW-846:8270E_SIM	GELC	4.59	NMED A1 TAP SCRN LVL	0.70
Intermediate	POI-4	159.0	06/20/2022	LCMS/MS	Perfluorooctanesulfonic acid	1763-23-1	UF	INIT	REG	Y	79.4	0.755	ng/L	1.00	—	NQ	NQ	Y	EPA:537M	GELC	60	NMED A1 TAP SCRN LVL	1.32
Intermediate	POI-4	159.0	06/20/2022	LCMS/MS	Perfluorooctanoic acid	335-67-1	UF	INIT	REG	Y	40.7	0.755	ng/L	1.00	—	NQ	NQ	Y	EPA:537M	GELC	60	NMED A1 TAP SCRN LVL	0.68
Intermediate	R-19 S2	893.3	09/28/2021	General Chemistry	Fluoride	F(-1)	F	INIT	FD	Y	0.839	0.0330	mg/L	1.00	—	NQ	NQ	Y	EPA:300.0	GELC	1.6	NM GW STD	0.52
Intermediate	R-19 S2	893.3	09/28/2021	General Chemistry	Fluoride	F(-1)	F	INIT	REG	Y	0.831	0.0330	mg/L	1.00	—	NQ	NQ	Y	EPA:300.0	GELC	1.6	NM GW STD	0.52
Intermediate	R-3i	215.2	06/27/2022	LCMS/MS	Perfluorooctanoic acid	335-67-1	UF	INIT	REG	Y	46.2	0.768	ng/L	1.00	—	NQ	NQ	Y	EPA:537M	GELC	60	NMED A1 TAP SCRN LVL	0.77

Zone	Location ID	Screen Depth (ft)	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 Unit	Dilution Factor	Lab Qualifier	Validation Qualifier	Validation Reason Code	Best Value	Lab Method	Lab ID	Screening Level	Reporting Level Code	Result per Screening Level
Regional	R-24	825.0	06/17/2022	SVOC	Dibenz(a,h)anthracene	53-70-3	UF	INIT	FD	Y	0.318	0.298	µg/L	1.00	J	J	J_LAB[u]	Y	SW-846:8270E	GELC	0.0343	NMED A1 TAP SCRN LVL	9.27
Regional	R-31 S3	666.3	02/08/2022	Inorganic	Iron	Fe	F	INIT	REG	Y	761	30.0	µg/L	1.00	—	NQ	NQ	Y	SW-846:6010D	GELC	1000	NM GW STD	0.76
Regional	R-31 S3	666.3	09/20/2021	Inorganic	Iron	Fe	F	INIT	FD	Y	525	30.0	µg/L	1.00	—	NQ	NQ	Y	SW-846:6010C	GELC	1000	NM GW STD	0.52

[a] — = Not applicable.

[b] F = Filtered.

[c] INIT = Initial.

[d] REG = Regular.

[e] Y = Yes.

[f] NQ = Not qualified.

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

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

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

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

[k] I10er = The sample and laboratory duplicate results are greater than or equal to 5 times the reporting limit, and the relative percent difference exceeds the limits.

[l] 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.

[m] I4g = The detected sample result is greater than or equal to 5 times and less than 100 times the concentration of the same analyte in the associated blank.

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

[o] UF = Unfiltered.

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

[q] FD = Field duplicate.

[r] SVOC = Semivolatile organic compound.

[s] SV4g = The detected sample result is greater than or equal to 5 times and less than 100 times the detected concentration of the same analyte in the associated blank.

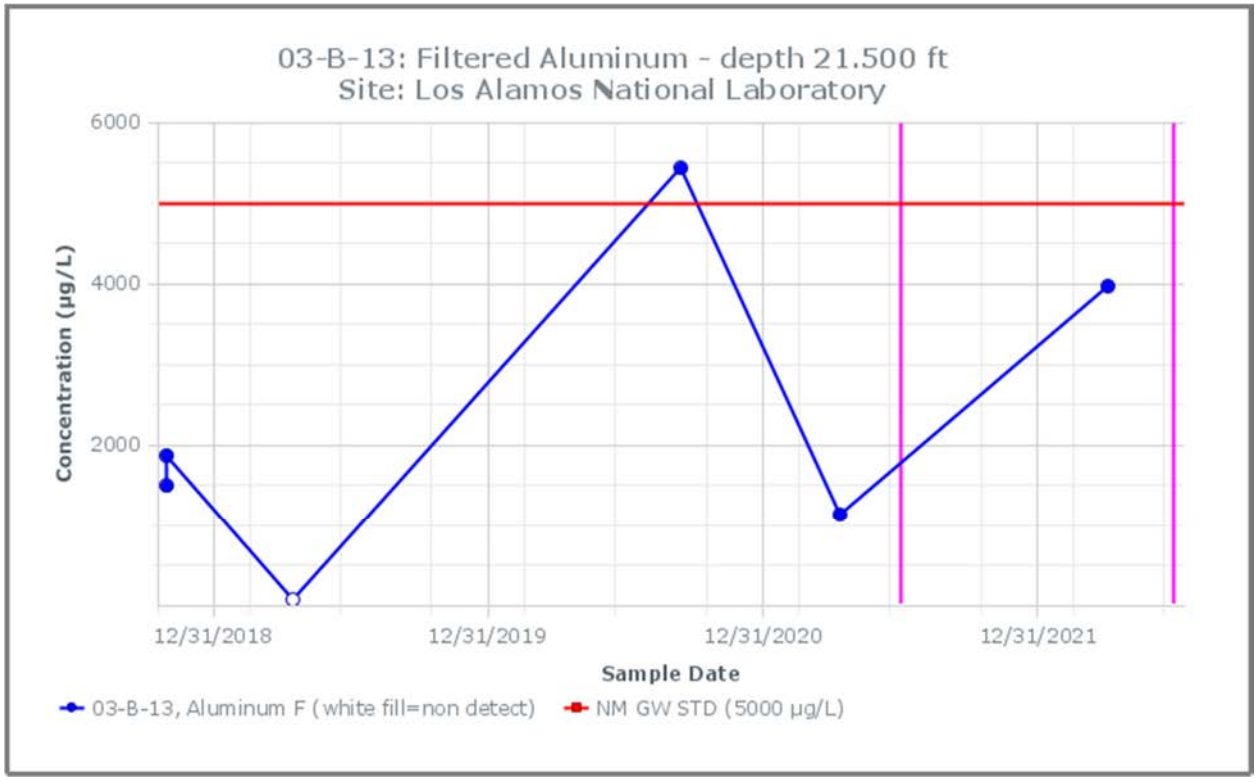
[t] SV4a = The detected sample result is greater than or equal to 5 times and less than 100 times the detected concentration of the same analyte in the method blank.

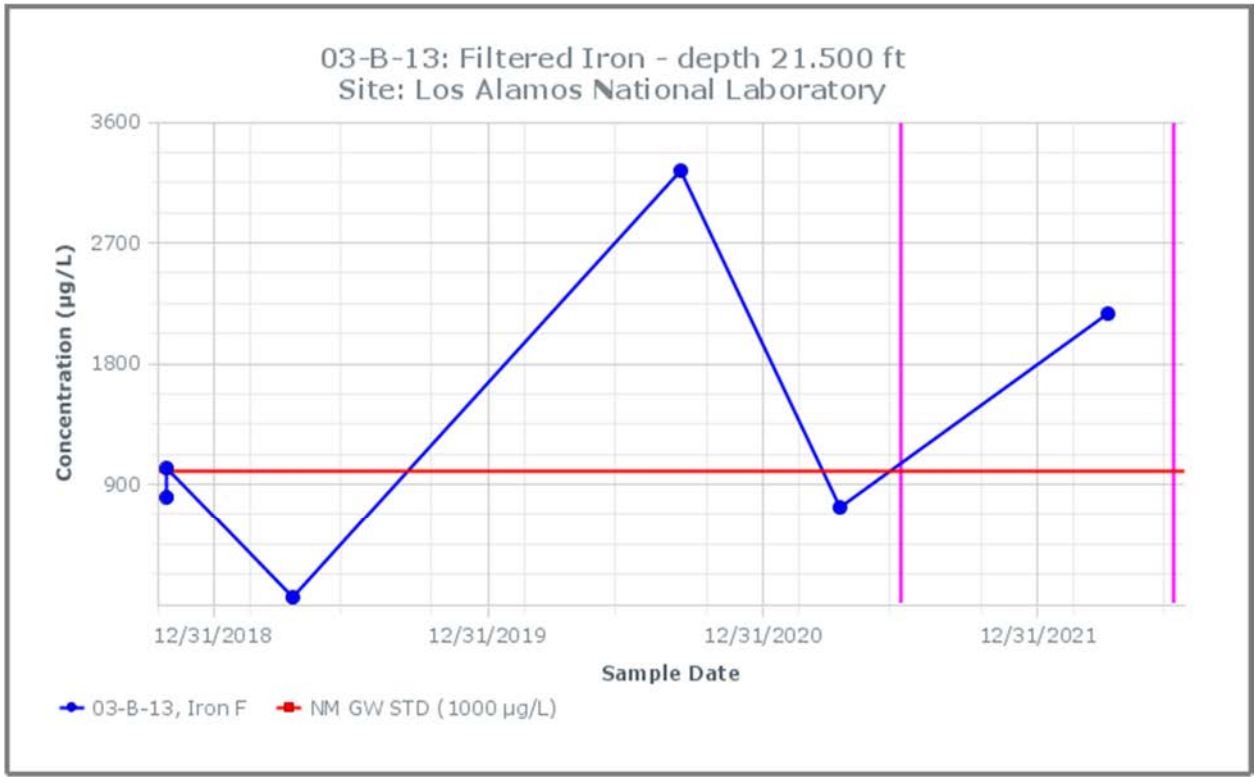
[u] J_LAB = The analytical laboratory qualified the detected result as estimated (J) because the result was less than the practical quantitation limit but greater than the method detection limit.

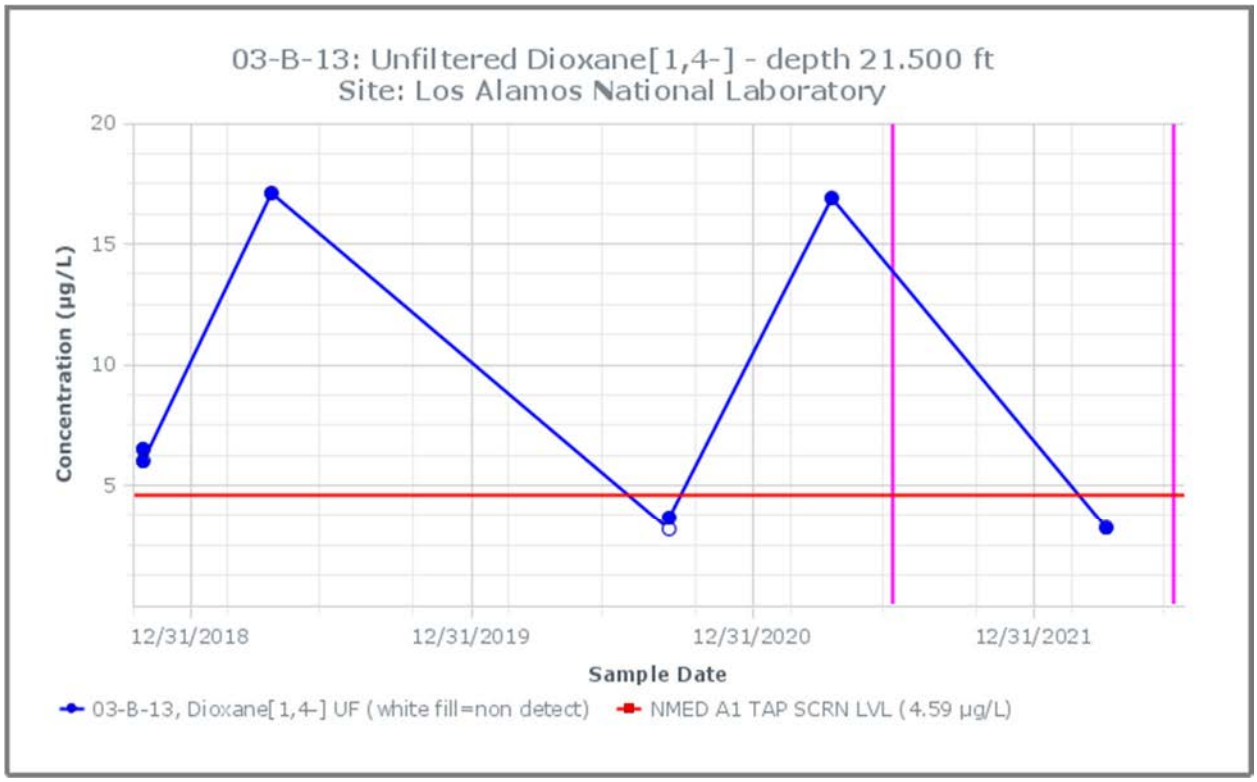
Appendix E

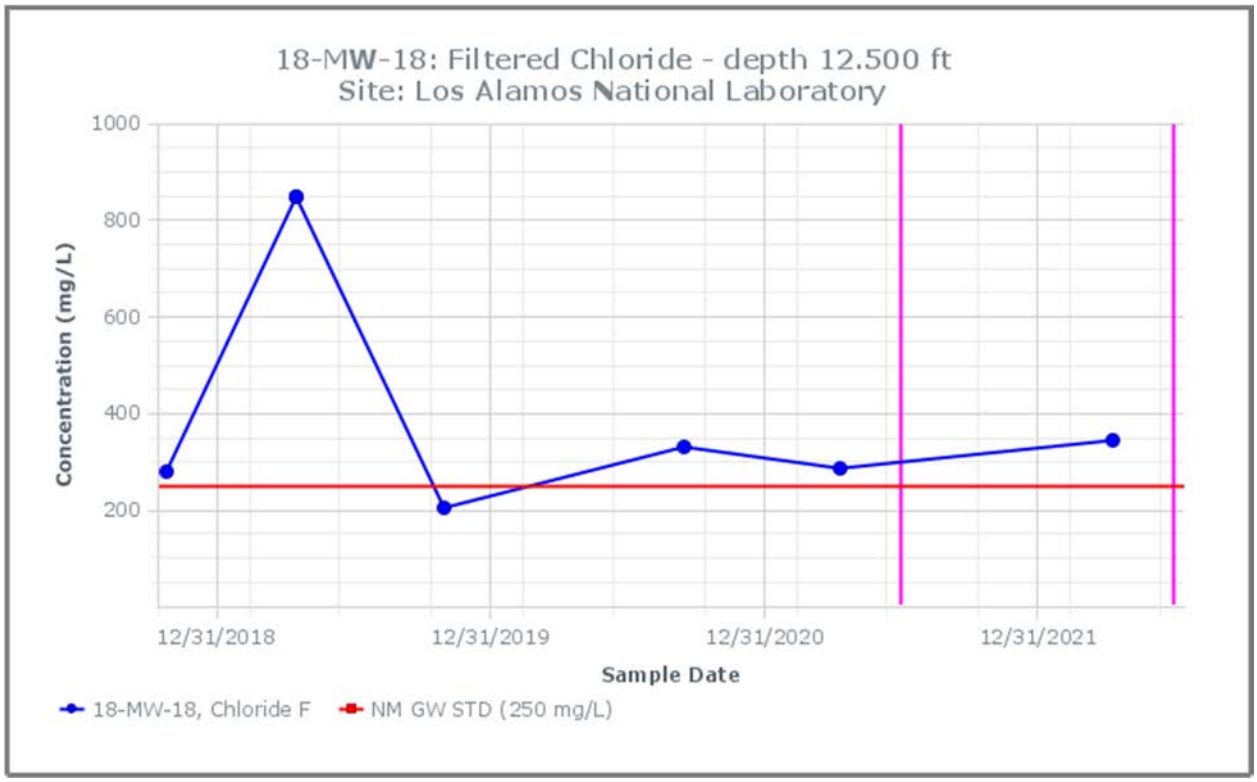
Analytical Chemistry Graphs of Screening-Value Exceedances

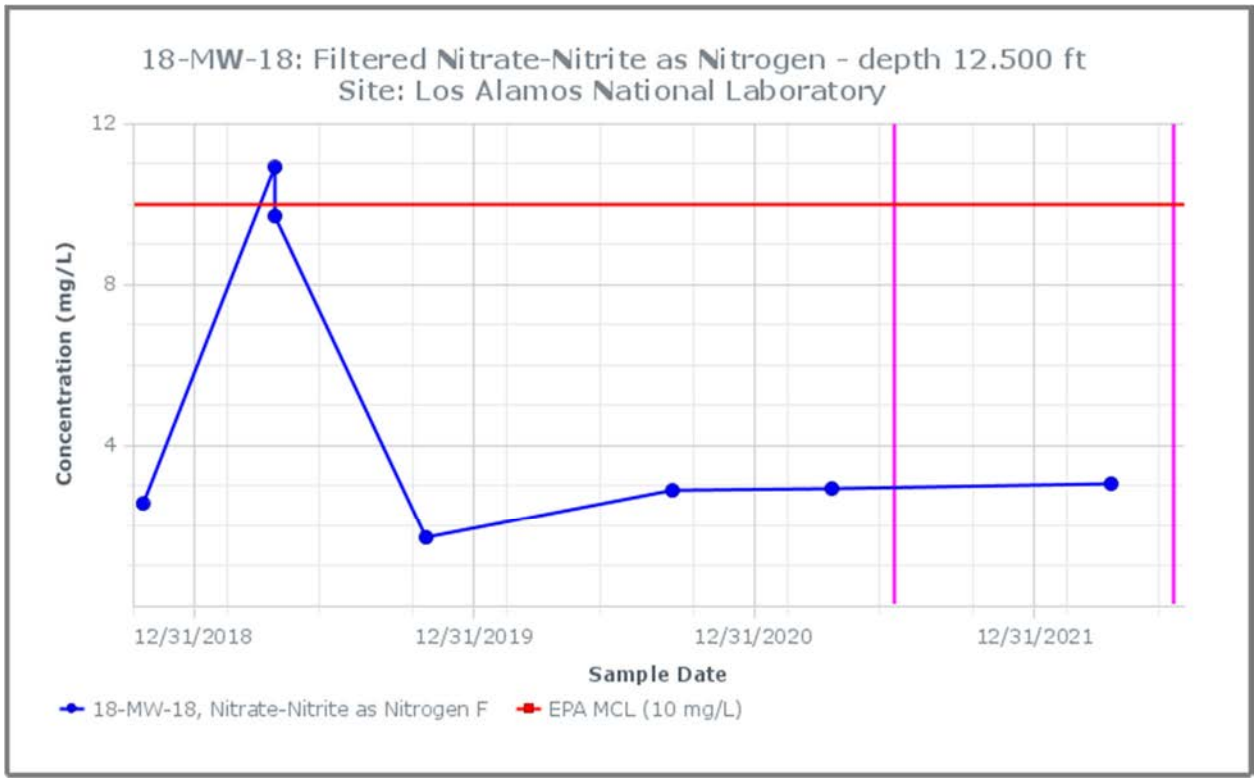
Note: The magenta vertical lines represent the period being reported in this periodic monitoring report.

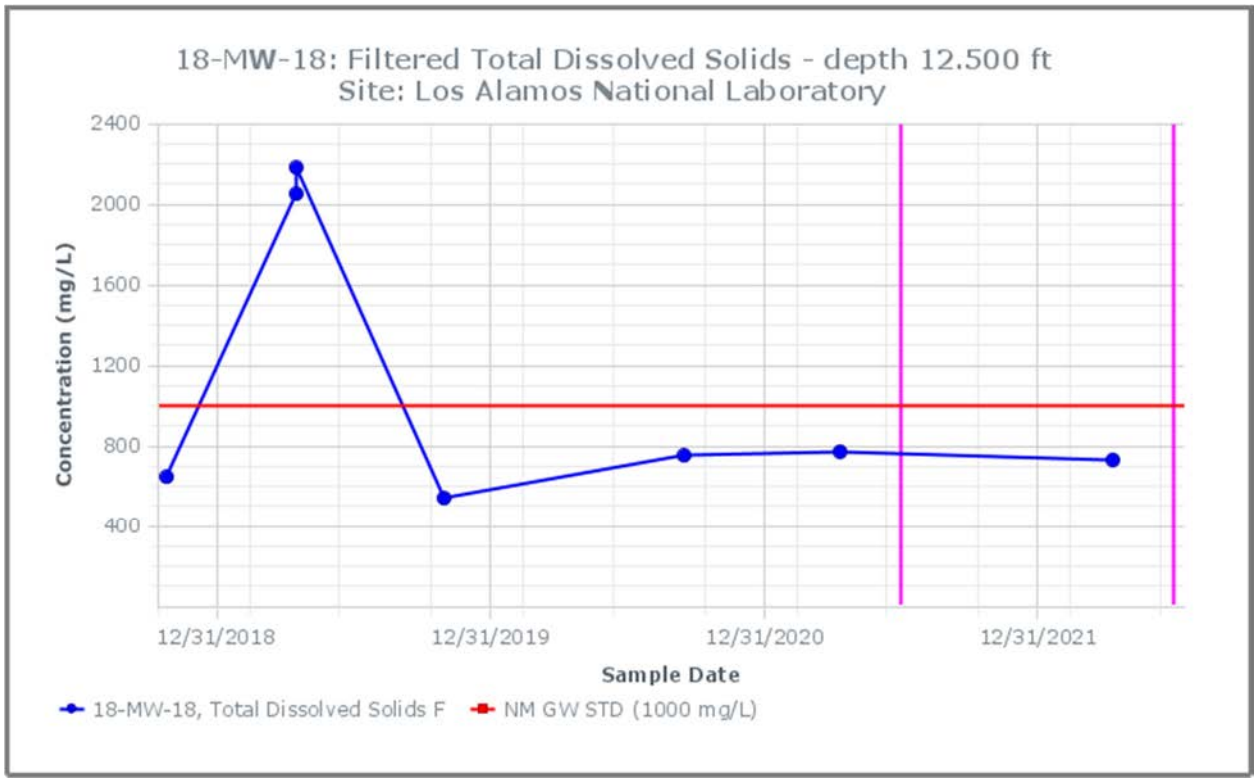


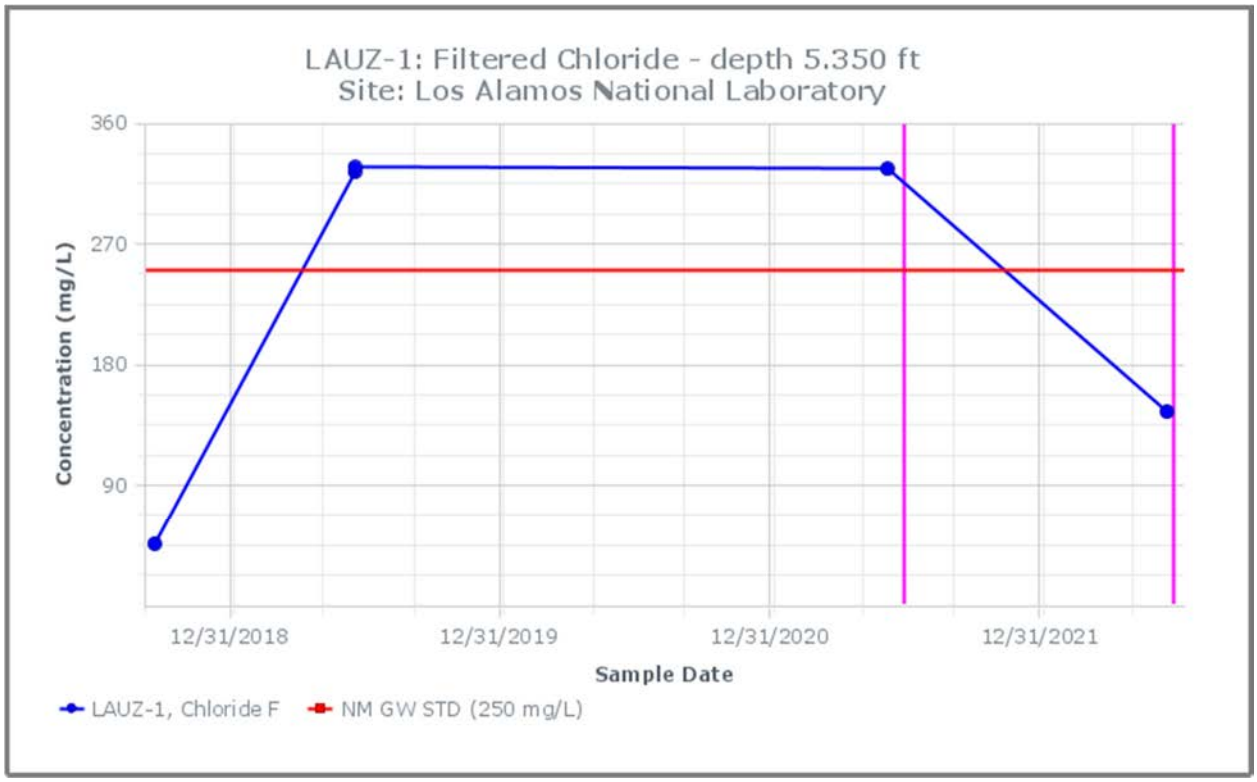


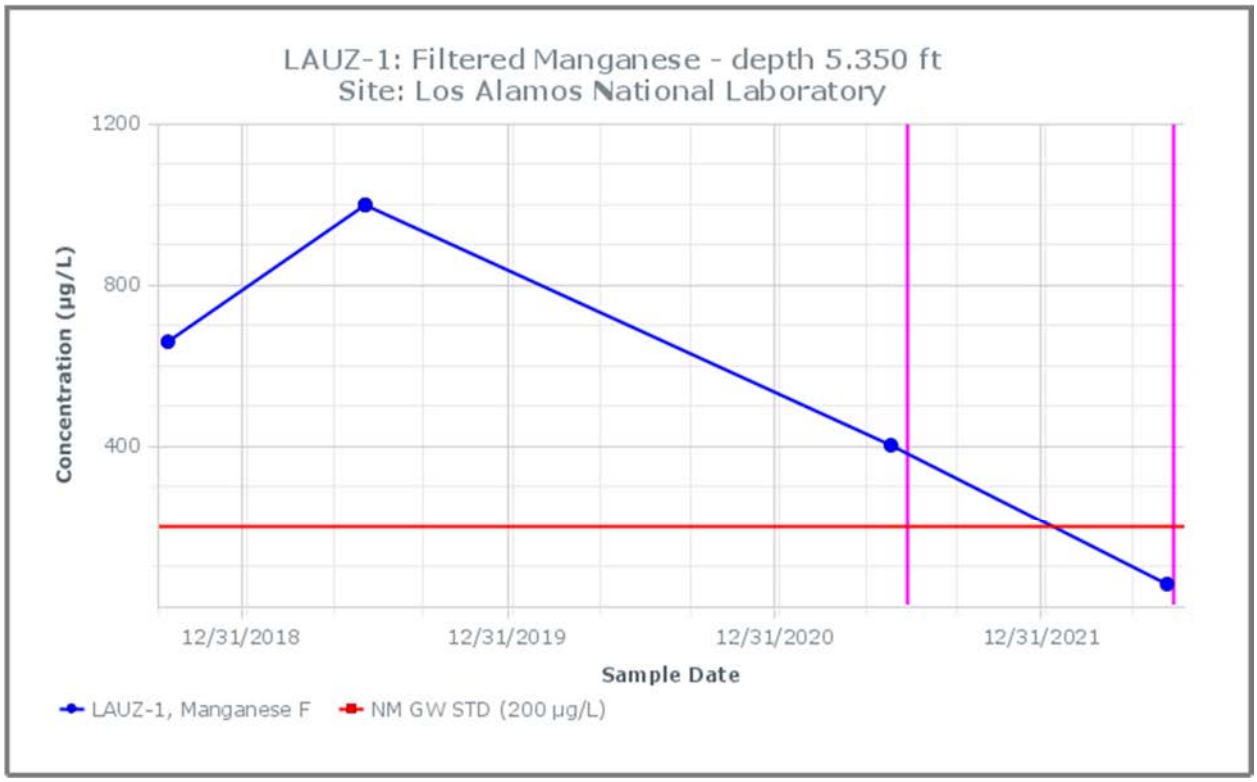

03-B-13: Unfiltered Dioxane[1,4-] - depth 21.500 ft
Site: Los Alamos National Laboratory
Concentration (µg/L)
20
15
10
5
12/31/2018
12/31/2019
12/31/2020
12/31/2021
Sample Date
03-B-13, Dioxane[1,4-] UF (white fill=non detect)
NMED A1 TAP SCRN LVL (4.59 µg/L)

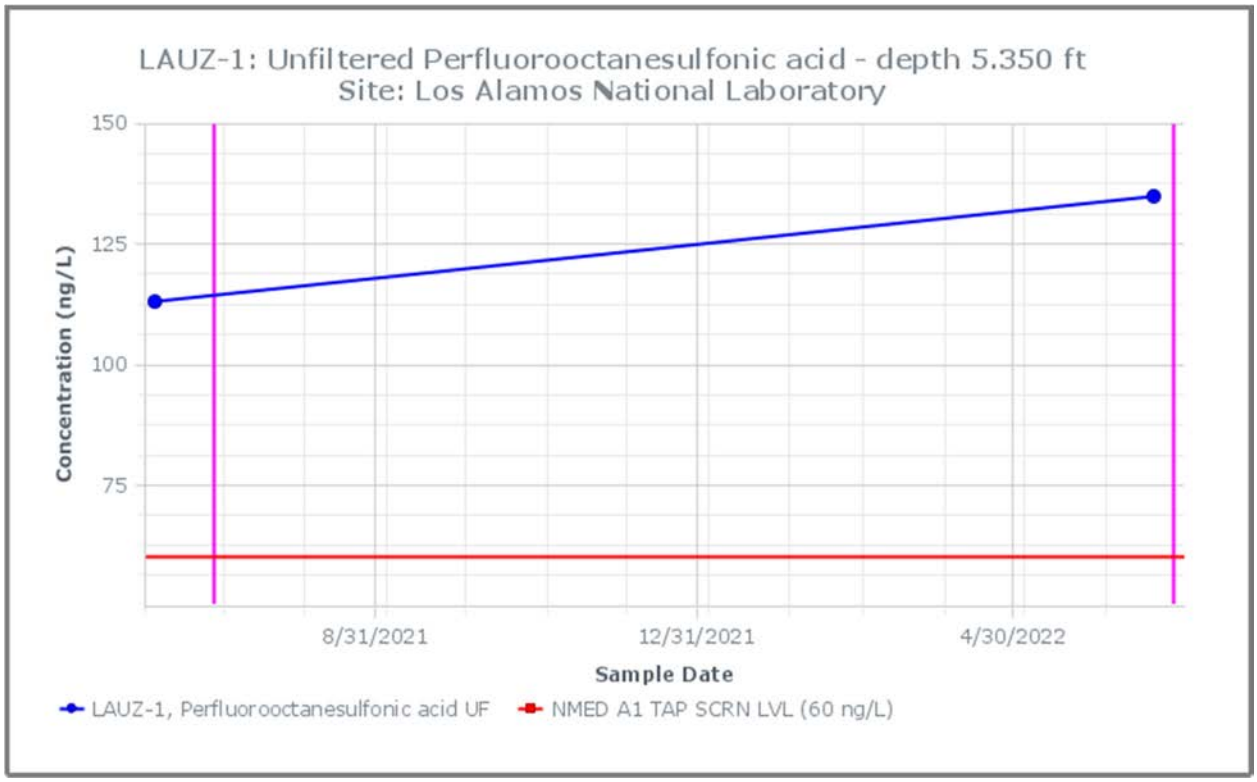

18-MW-18: Filtered Chloride - depth 12.500 ft
Site: Los Alamos National Laboratory
Concentration (mg/L)
1000
800
600
400
200
12/31/2018
12/31/2019
12/31/2020
12/31/2021
Sample Date
18-MW-18, Chloride F
NM GW STD (250 mg/L)

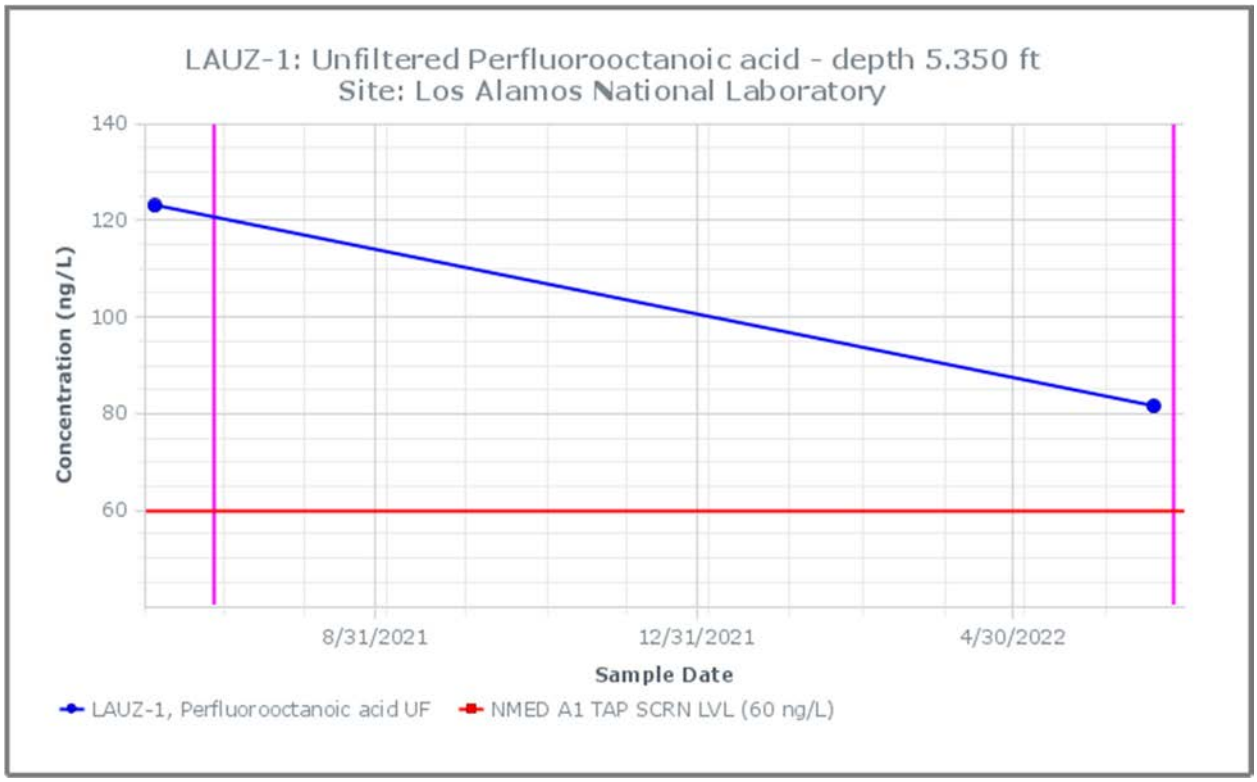

18-MW-18: Filtered Nitrate-Nitrite as Nitrogen - depth 12.500 ft
Site: Los Alamos National Laboratory
12
8
4
Concentration (mg/L)
12/31/2018
12/31/2019
12/31/2020
12/31/2021
Sample Date
18-MW-18, Nitrate-Nitrite as Nitrogen F
EPA MCL (10 mg/L)

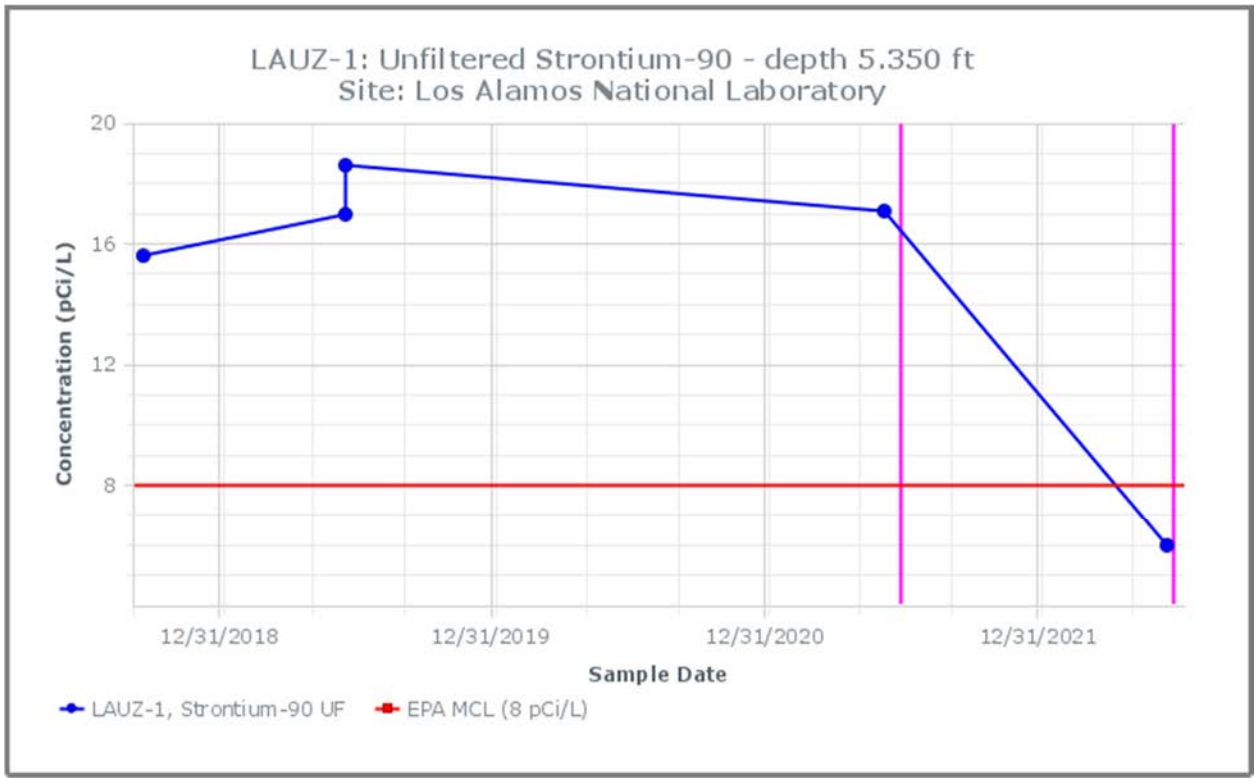

18-MW-18: Filtered Total Dissolved Solids - depth 12.500 ft
Site: Los Alamos National Laboratory
2400
2000
1600
1200
800
400
Concentration (mg/L)
12/31/2018
12/31/2019
12/31/2020
12/31/2021
Sample Date
18-MW-18, Total Dissolved Solids F
NM GW STD (1000 mg/L)

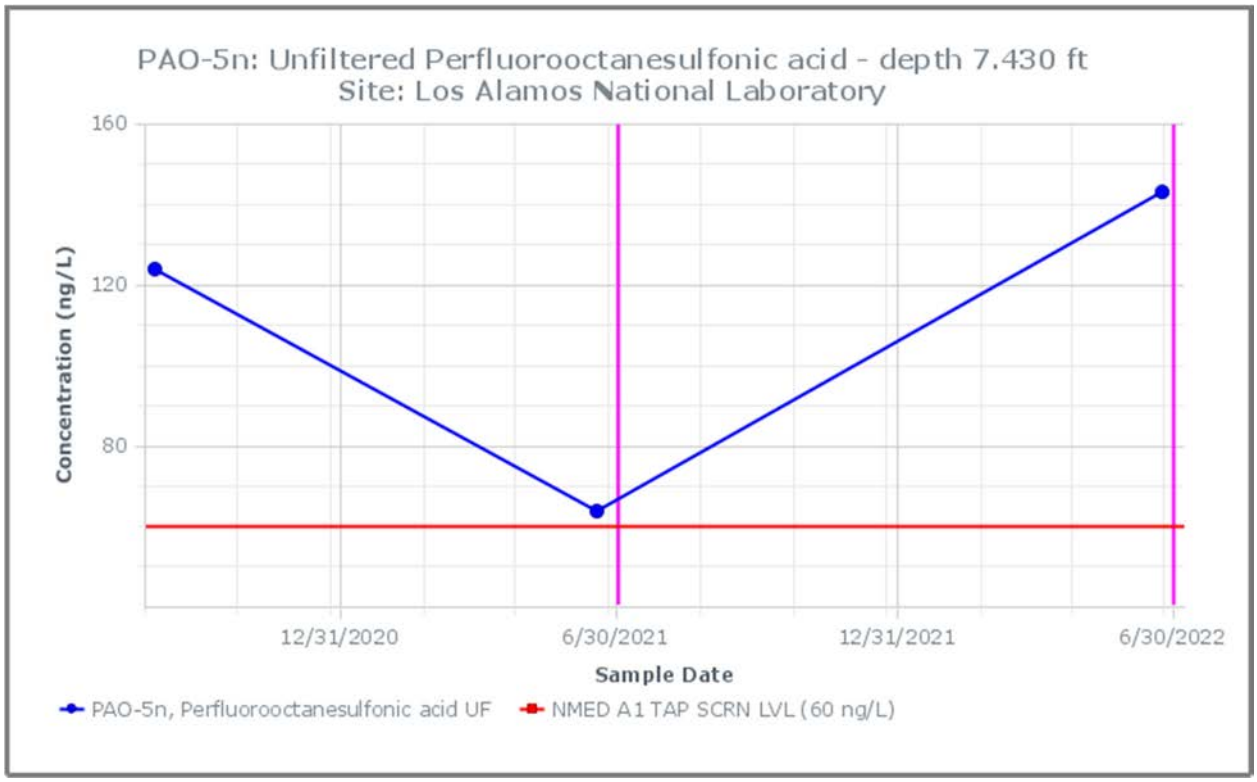

LAUZ-1: Filtered Chloride - depth 5.350 ft
Site: Los Alamos National Laboratory
360
270
180
90
Concentration (mg/L)
12/31/2018
12/31/2019
12/31/2020
12/31/2021
Sample Date
LAUZ-1, Chloride F
NM GW STD (250 mg/L)

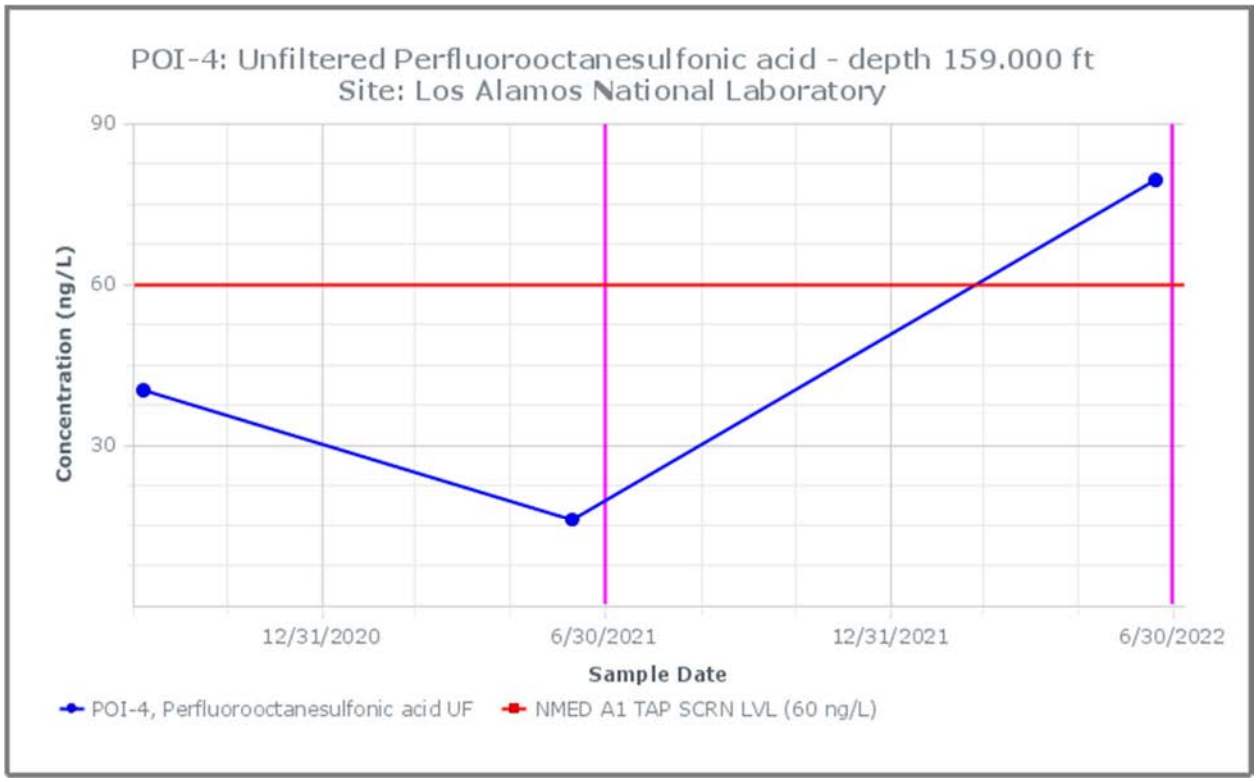

LAUZ-1: Filtered Manganese - depth 5.350 ft
Site: Los Alamos National Laboratory
1200
800
400
Concentration (µg/L)
12/31/2018
12/31/2019
12/31/2020
12/31/2021
Sample Date
LAUZ-1, Manganese F
NM GW STD (200 µg/L)

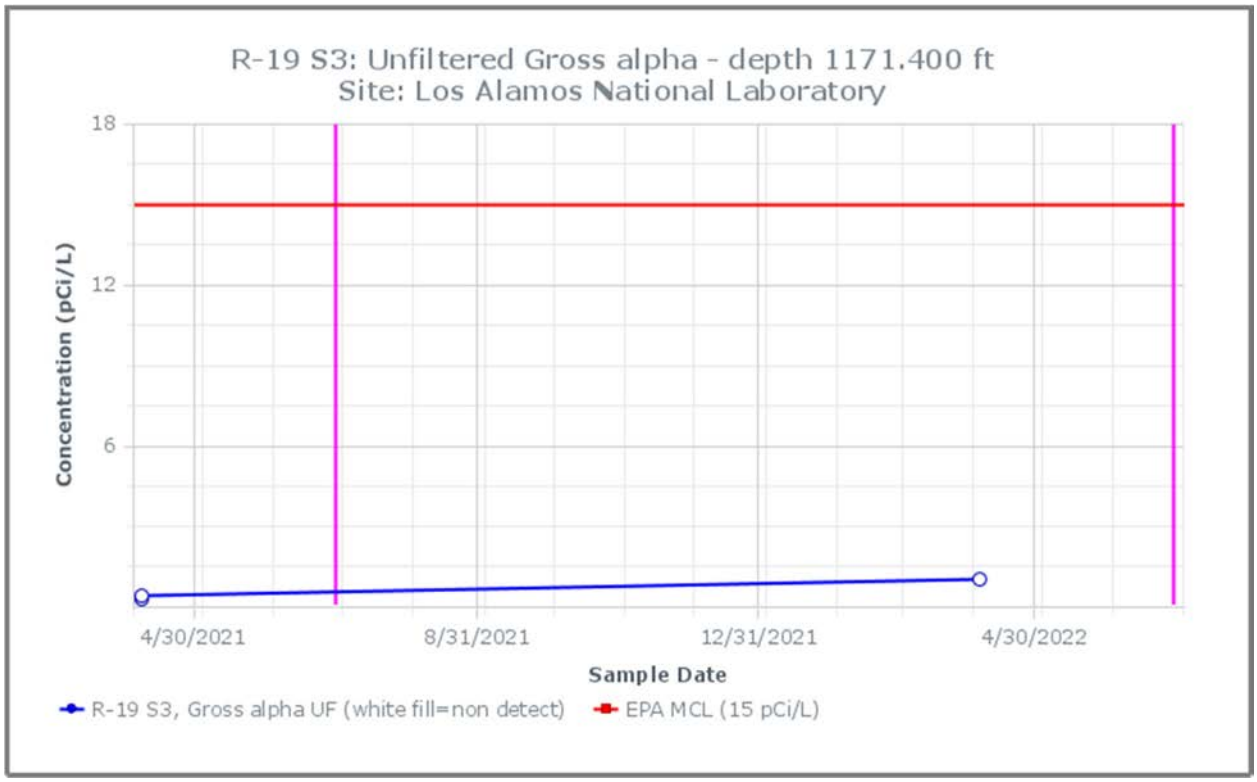

LAUZ-1: Unfiltered Perfluorooctanesulfonic acid - depth 5.350 ft
Site: Los Alamos National Laboratory
150
125
100
75
Concentration (ng/L)
8/31/2021
12/31/2021
4/30/2022
Sample Date
LAUZ-1, Perfluorooctanesulfonic acid UF
NMED A1 TAP SCRN LVL (60 ng/L)

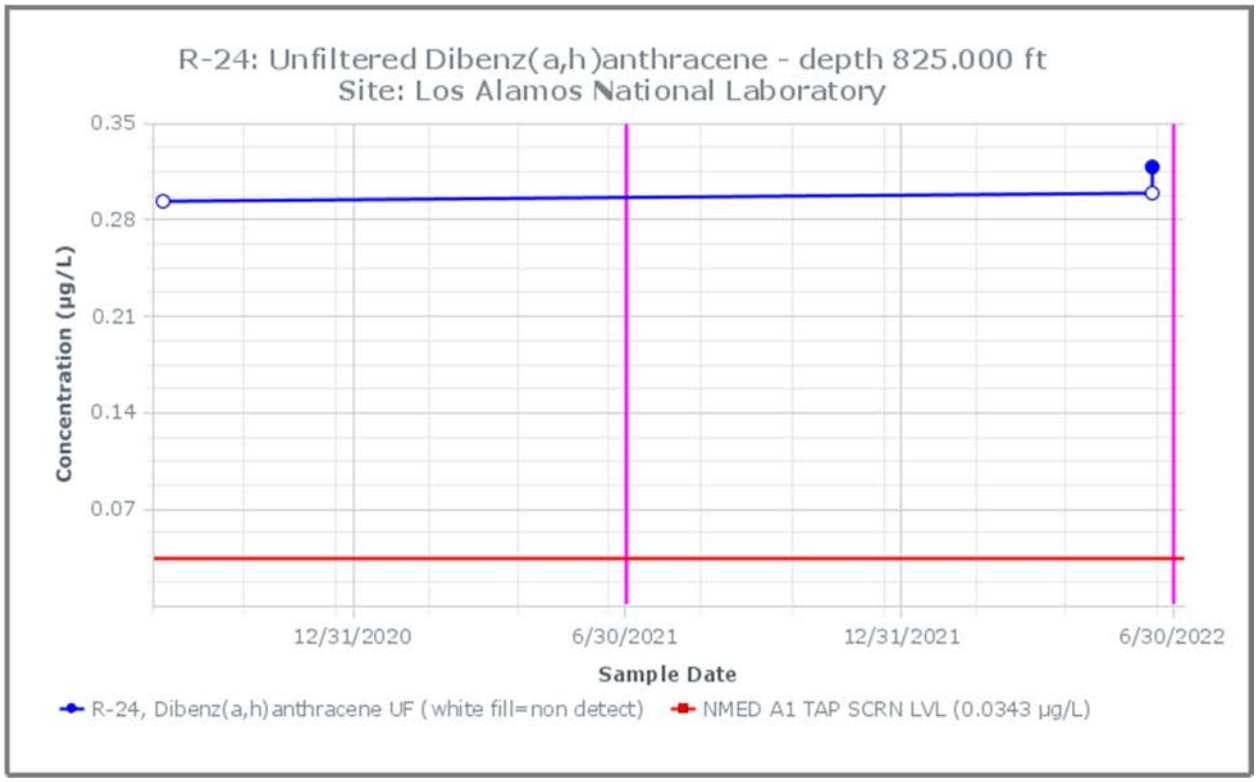

LAUZ-1: Unfiltered Perfluorooctanoic acid - depth 5.350 ft
Site: Los Alamos National Laboratory
140
120
100
80
60
Concentration (ng/L)
8/31/2021
12/31/2021
4/30/2022
Sample Date
LAUZ-1, Perfluorooctanoic acid UF
NMED A1 TAP SCRN LVL (60 ng/L)

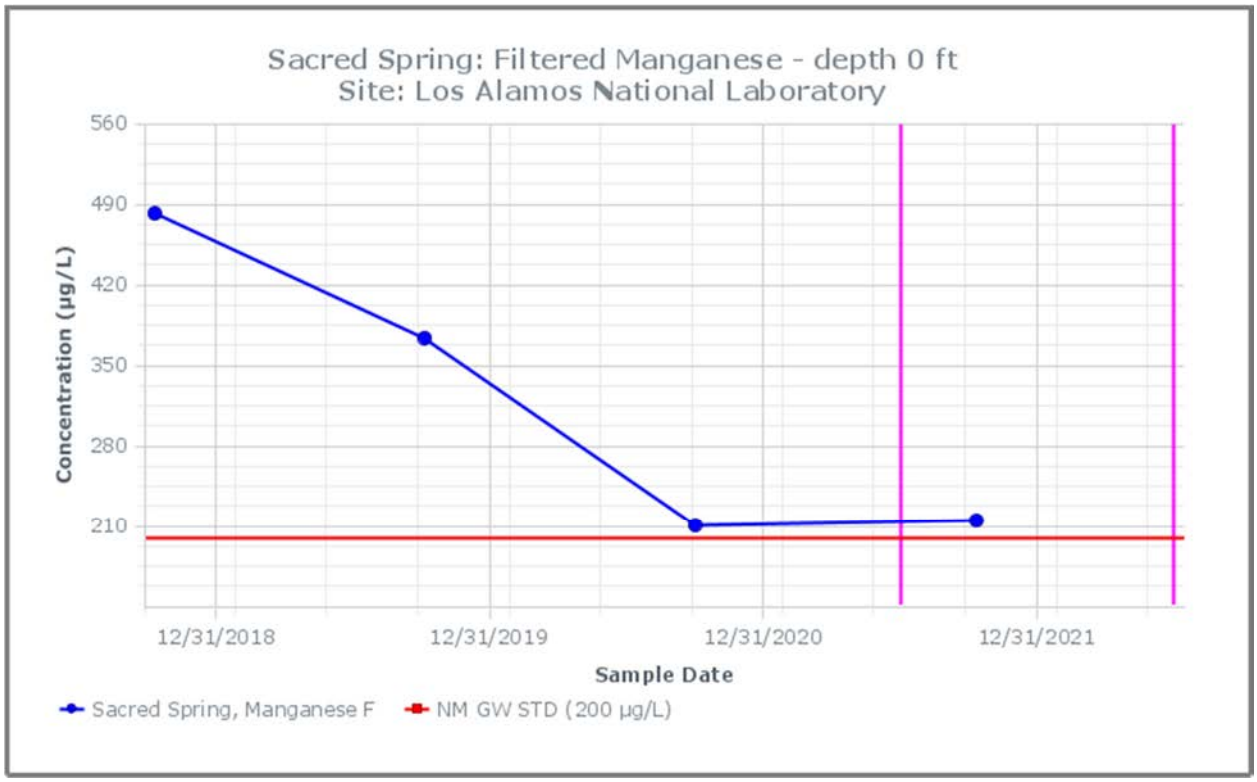

LAUZ-1: Unfiltered Strontium-90 - depth 5.350 ft
Site: Los Alamos National Laboratory
Concentration (pCi/L)
20
16
12
8
12/31/2018
12/31/2019
12/31/2020
12/31/2021
Sample Date
LAUZ-1, Strontium-90 UF
EPA MCL (8 pCi/L)

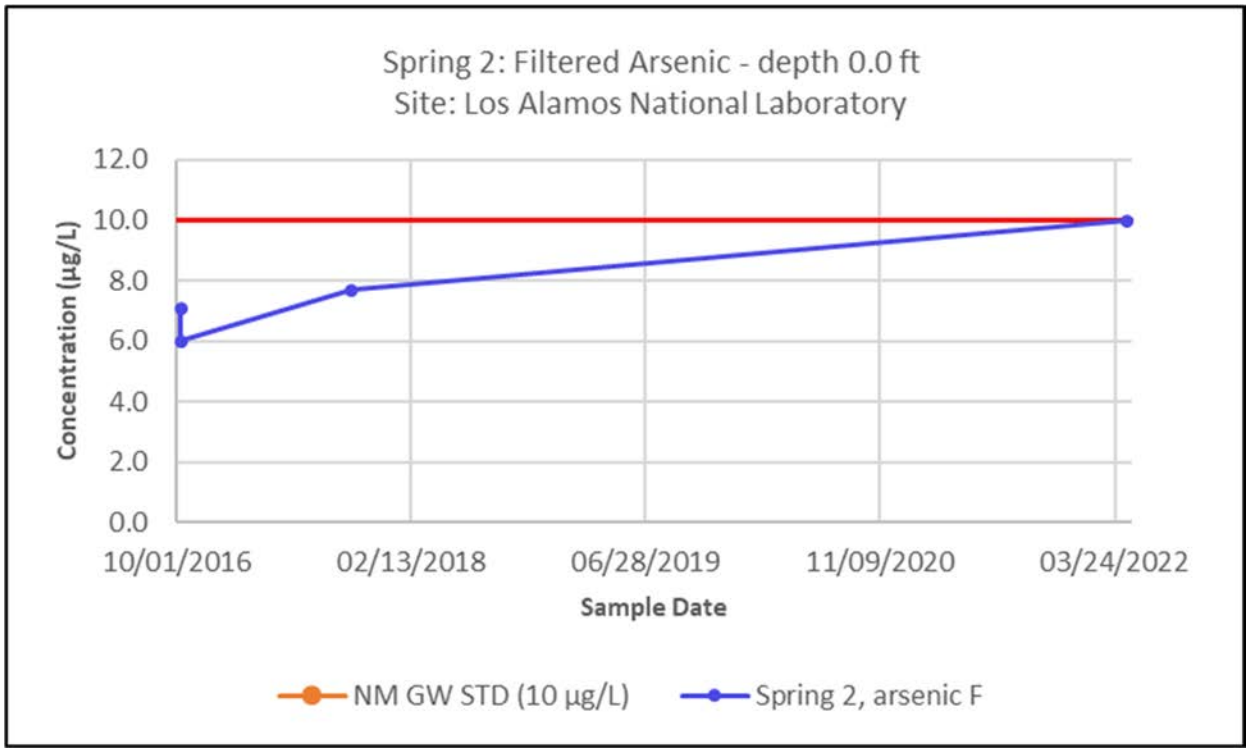

PAO-5n: Unfiltered Perfluorooctanesulfonic acid - depth 7.430 ft
Site: Los Alamos National Laboratory
Concentration (ng/L)
160
120
80
12/31/2020
6/30/2021
12/31/2021
6/30/2022
Sample Date
PAO-5n, Perfluorooctanesulfonic acid UF
NMED A1 TAP SCRN LVL (60 ng/L)


POI-4: Unfiltered Perfluorooctanesulfonic acid - depth 159.000 ft
Site: Los Alamos National Laboratory
90
60
30
Concentration (ng/L)
12/31/2020
6/30/2021
12/31/2021
6/30/2022
Sample Date
POI-4, Perfluorooctanesulfonic acid UF
NMED A1 TAP SCRN LVL (60 ng/L)


R-19 S3: Unfiltered Gross alpha - depth 1171.400 ft
Site: Los Alamos National Laboratory
18
12
6
Concentration (pCi/L)
4/30/2021
8/31/2021
12/31/2021
4/30/2022
Sample Date
R-19 S3, Gross alpha UF (white fill=non detect)
EPA MCL (15 pCi/L)


R-24: Unfiltered Dibenz(a,h)anthracene - depth 825.000 ft
Site: Los Alamos National Laboratory
0.35
0.28
0.21
0.14
0.07
Concentration (µg/L)
12/31/2020
6/30/2021
12/31/2021
6/30/2022
Sample Date
R-24, Dibenz(a,h)anthracene UF (white fill=non detect)
NMED A1 TAP SCRN LVL (0.0343 µg/L)


Sacred Spring: Filtered Manganese - depth 0 ft
Site: Los Alamos National Laboratory
560
490
420
350
280
210
Concentration (µg/L)
12/31/2018
12/31/2019
12/31/2020
12/31/2021
Sample Date
Sacred Spring, Manganese F
NM GW STD (200 µg/L)


Spring 2: Filtered Arsenic - depth 0.0 ft
Site: Los Alamos National Laboratory
12.0
10.0
8.0
6.0
4.0
2.0
0.0
Concentration (µg/L)
10/01/2016
02/13/2018
06/28/2019
11/09/2020
03/24/2022
Sample Date
NM GW STD (10 µg/L)
Spring 2, arsenic F

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-2021-2147	Inorganic	GELC[b]	CASA-21-231071	07/23/2021	R-12 S[c]1	459.0	467.5
N3B-2021-2147	Inorganic	GELC	CASA-21-231072	07/23/2021	R-12 S2	504.5	508.0
N3B-2021-2147	Inorganic	GELC	CASA-21-231073	07/23/2021	R-12 S2	504.5	508.0
N3B-2021-2147	Organic	GELC	CASA-21-231071	07/23/2021	R-12 S1	459.0	467.5
N3B-2021-2147	Organic	GELC	CASA-21-231072	07/23/2021	R-12 S2	504.5	508.0
N3B-2021-2147	Rad[d]	GELC	CASA-21-231072	07/23/2021	R-12 S2	504.5	508.0
N3B-2021-2158	Inorganic	GELC	CAMO-21-231037	07/26/2021	MCO-7	39.0	69.0
N3B-2021-2158	Inorganic	GELC	CAMO-21-231038	07/26/2021	MCO-7	39.0	69.0
N3B-2021-2158	Inorganic	GELC	CAMO-21-231318	07/26/2021	MCO-7	39.0	69.0
N3B-2021-2158	Organic	GELC	CAMO-21-231037	07/26/2021	MCO-7	39.0	69.0
N3B-2021-2158	Organic	GELC	CAMO-21-231318	07/26/2021	MCO-7	39.0	69.0
N3B-2021-2169	Inorganic	GELC	CAMO-21-231039	07/28/2021	R-16 S2	863.4	870.9
N3B-2021-2169	Inorganic	GELC	CAMO-21-231040	07/28/2021	R-16 S2	863.4	870.9
N3B-2021-2169	Inorganic	GELC	CAMO-21-231041	07/28/2021	R-16 S4	1237.0	1244.6
N3B-2021-2169	Inorganic	GELC	CAMO-21-231042	07/28/2021	R-16 S4	1237.0	1244.6
N3B-2021-2169	Inorganic	GELC	CAMO-21-231043	07/28/2021	R-16r	600.0	617.6
N3B-2021-2169	Inorganic	GELC	CAMO-21-231044	07/28/2021	R-16r	600.0	617.6
N3B-2021-2169	Inorganic	GELC	CAMO-21-231105	07/28/2021	R-16r	600.0	617.6
N3B-2021-2169	Inorganic	GELC	CAMO-21-231106	07/28/2021	R-16r	600.0	617.6
N3B-2021-2169	Organic	GELC	CAMO-21-231039	07/28/2021	R-16 S2	863.4	870.9
N3B-2021-2169	Organic	GELC	CAMO-21-231041	07/28/2021	R-16 S4	1237.0	1244.6
N3B-2021-2169	Organic	GELC	CAMO-21-231043	07/28/2021	R-16r	600.0	617.6
N3B-2021-2169	Organic	GELC	CAMO-21-231105	07/28/2021	R-16r	600.0	617.6
N3B-2021-2169	Rad	GELC	CAMO-21-231039	07/28/2021	R-16 S2	863.4	870.9
N3B-2021-2169	Rad	GELC	CAMO-21-231041	07/28/2021	R-16 S4	1237.0	1244.6
N3B-2021-2169	Rad	GELC	CAMO-21-231043	07/28/2021	R-16r	600.0	617.6

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-2021-2169	Rad	GELC	CAMO-21-231105	07/28/2021	R-16r	600.0	617.6
N3B-2021-2175	Rad	ARSL[e]	CAMO-21-231037	07/26/2021	MCO-7	39.0	69.0
N3B-2021-2175	Rad	ARSL	CASA-21-231071	07/23/2021	R-12 S1	459.0	467.5
N3B-2021-2175	Rad	ARSL	CASA-21-231072	07/23/2021	R-12 S2	504.5	508.0
N3B-2021-2175	Rad	ARSL	CAMO-21-231039	07/28/2021	R-16 S2	863.4	870.9
N3B-2021-2175	Rad	ARSL	CAMO-21-231041	07/28/2021	R-16 S4	1237.0	1244.6
N3B-2021-2175	Rad	ARSL	CAMO-21-231043	07/28/2021	R-16r	600.0	617.6
N3B-2021-2175	Rad	ARSL	CAMO-21-231105	07/28/2021	R-16r	600.0	617.6
N3B-2021-2677	Inorganic	GELC	CAAN-21-234437	09/20/2021	R-31 S3	666.3	676.3
N3B-2021-2677	Inorganic	GELC	CAAN-21-234438	09/20/2021	R-31 S3	666.3	676.3
N3B-2021-2677	Inorganic	GELC	CAAN-21-234439	09/20/2021	R-31 S3	666.3	676.3
N3B-2021-2677	Inorganic	GELC	CAAN-21-234440	09/20/2021	R-31 S3	666.3	676.3
N3B-2021-2677	Inorganic	GELC	CAAN-21-234441	09/20/2021	R-31 S4	826.6	836.6
N3B-2021-2677	Inorganic	GELC	CAAN-21-234442	09/20/2021	R-31 S4	826.6	836.6
N3B-2021-2677	Organic	GELC	CAAN-21-234437	09/20/2021	R-31 S3	666.3	676.3
N3B-2021-2677	Organic	GELC	CAAN-21-234439	09/20/2021	R-31 S3	666.3	676.3
N3B-2021-2677	Organic	GELC	CAAN-21-234441	09/20/2021	R-31 S4	826.6	836.6
N3B-2021-2741	Inorganic	GELC	CAPA-21-234457	09/28/2021	R-19 S2	893.3	909.6
N3B-2021-2741	Inorganic	GELC	CAPA-21-234458	09/28/2021	R-19 S2	893.3	909.6
N3B-2021-2741	Inorganic	GELC	CAPA-21-234459	09/28/2021	R-19 S2	893.3	909.6
N3B-2021-2741	Inorganic	GELC	CAPA-21-234460	09/28/2021	R-19 S2	893.3	909.6
N3B-2021-2741	Organic	GELC	CAPA-21-234457	09/28/2021	R-19 S2	893.3	909.6
N3B-2021-2741	Organic	GELC	CAPA-21-234459	09/28/2021	R-19 S2	893.3	909.6
N3B-2021-2743	Inorganic	GELC	CAPA-21-234461	09/29/2021	R-19 S3	1171.4	1215.4
N3B-2021-2743	Inorganic	GELC	CAPA-21-234462	09/29/2021	R-19 S3	1171.4	1215.4
N3B-2021-2743	Organic	GELC	CAPA-21-234461	09/29/2021	R-19 S3	1171.4	1215.4
N3B-2022-120	Rad	ARSL	CAWR-22-234631	10/12/2021	Sacred Spring	—[f]	—

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-2022-120	Rad	ARSL	CAWR-22-234635	10/07/2021	Spring 1	—	—
N3B-2022-120	Rad	ARSL	CAWR-22-234639	10/04/2021	Spring 3A	—	—
N3B-2022-120	Rad	ARSL	CAWR-22-234641	10/04/2021	Spring 3AA	—	—
N3B-2022-120	Rad	ARSL	CAWR-22-234645	10/04/2021	Spring 4A	—	—
N3B-2022-120	Rad	ARSL	CAWR-22-234647	10/04/2021	Spring 4AA	—	—
N3B-2022-120	Rad	ARSL	CAWR-22-234651	10/05/2021	Spring 5	—	—
N3B-2022-120	Rad	ARSL	CAWR-22-234653	10/05/2021	Spring 5B	—	—
N3B-2022-120	Rad	ARSL	CAWR-22-234709	10/05/2021	Spring 5B	—	—
N3B-2022-120	Rad	ARSL	CAWR-22-234657	10/05/2021	Spring 6A	—	—
N3B-2022-120	Rad	ARSL	CAWR-22-234659	10/05/2021	Spring 8A	—	—
N3B-2022-120	Rad	ARSL	CAWR-22-234663	10/05/2021	Spring 9A	—	—
N3B-2022-120	Rad	ARSL	CAWR-22-234629	10/12/2021	Upper La Mesita	—	—
N3B-2022-1232	Inorganic	GELC	CAPA-22-248748	04/05/2022	03-B-13	21.5	31.5
N3B-2022-1232	Inorganic	GELC	CAPA-22-248749	04/05/2022	03-B-13	21.5	31.5
N3B-2022-1232	Organic	GELC	CAPA-22-248749	04/05/2022	03-B-13	21.5	31.5
N3B-2022-1232	Rad	GELC	CAPA-22-248749	04/05/2022	03-B-13	21.5	31.5
N3B-2022-1246	Inorganic	GELC	CAPA-22-248758	04/06/2022	R-19 S2	893.3	909.6
N3B-2022-1246	Inorganic	GELC	CAPA-22-248759	04/06/2022	R-19 S2	893.3	909.6
N3B-2022-1246	Organic	GELC	CAPA-22-248759	04/06/2022	R-19 S2	893.3	909.6
N3B-2022-1246	Rad	GELC	CAPA-22-248759	04/06/2022	R-19 S2	893.3	909.6
N3B-2022-1259	Inorganic	GELC	CAPA-22-248786	04/07/2022	R-19 S3	1171.4	1215.4
N3B-2022-1259	Inorganic	GELC	CAPA-22-248787	04/07/2022	R-19 S3	1171.4	1215.4
N3B-2022-1259	Organic	GELC	CAPA-22-248787	04/07/2022	R-19 S3	1171.4	1215.4
N3B-2022-1259	Rad	GELC	CAPA-22-248787	04/07/2022	R-19 S3	1171.4	1215.4
N3B-2022-1272	Inorganic	GELC	CAPA-22-248744	04/11/2022	18-MW-18	12.5	23.0
N3B-2022-1272	Inorganic	GELC	CAPA-22-248745	04/11/2022	18-MW-18	12.5	23.0
N3B-2022-1272	Rad	GELC	CAPA-22-248745	04/11/2022	18-MW-18	12.5	23.0

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-2022-1284	Inorganic	GELC	CAPA-22-248765	04/12/2022	PCI-2	512.0	522.0
N3B-2022-1284	Inorganic	GELC	CAPA-22-248766	04/12/2022	PCI-2	512.0	522.0
N3B-2022-1284	Organic	GELC	CAPA-22-248766	04/12/2022	PCI-2	512.0	522.0
N3B-2022-1284	Rad	GELC	CAPA-22-248766	04/12/2022	PCI-2	512.0	522.0
N3B-2022-1313	Inorganic	GELC	CAPA-22-248779	04/14/2022	R-17 S2	1124.0	1134.0
N3B-2022-1313	Inorganic	GELC	CAPA-22-248780	04/14/2022	R-17 S2	1124.0	1134.0
N3B-2022-1313	Inorganic	GELC	CAPA-22-248783	04/14/2022	R-17 S2	1124.0	1134.0
N3B-2022-1313	Inorganic	GELC	CAPA-22-248784	04/14/2022	R-17 S2	1124.0	1134.0
N3B-2022-1313	Organic	GELC	CAPA-22-248780	04/14/2022	R-17 S2	1124.0	1134.0
N3B-2022-1313	Organic	GELC	CAPA-22-248784	04/14/2022	R-17 S2	1124.0	1134.0
N3B-2022-1313	Rad	GELC	CAPA-22-248780	04/14/2022	R-17 S2	1124.0	1134.0
N3B-2022-1313	Rad	GELC	CAPA-22-248784	04/14/2022	R-17 S2	1124.0	1134.0
N3B-2022-1320	Inorganic	GELC	CAPA-22-248772	04/18/2022	R-17 S1	1057.0	1080.0
N3B-2022-1320	Inorganic	GELC	CAPA-22-248773	04/18/2022	R-17 S1	1057.0	1080.0
N3B-2022-1320	Inorganic	GELC	CAPA-22-248776	04/18/2022	R-17 S1	1057.0	1080.0
N3B-2022-1320	Inorganic	GELC	CAPA-22-248777	04/18/2022	R-17 S1	1057.0	1080.0
N3B-2022-1320	Organic	GELC	CAPA-22-248773	04/18/2022	R-17 S1	1057.0	1080.0
N3B-2022-1320	Organic	GELC	CAPA-22-248777	04/18/2022	R-17 S1	1057.0	1080.0
N3B-2022-1320	Rad	GELC	CAPA-22-248773	04/18/2022	R-17 S1	1057.0	1080.0
N3B-2022-1320	Rad	GELC	CAPA-22-248777	04/18/2022	R-17 S1	1057.0	1080.0
N3B-2022-1336	Inorganic	GELC	CAPA-22-248736	04/19/2022	Homestead Spring	—	—
N3B-2022-1336	Inorganic	GELC	CAPA-22-248737	04/19/2022	Homestead Spring	—	—
N3B-2022-1336	Inorganic	GELC	CAPA-22-248740	04/19/2022	Starmer Spring	—	—
N3B-2022-1336	Inorganic	GELC	CAPA-22-248741	04/19/2022	Starmer Spring	—	—
N3B-2022-1336	Organic	GELC	CAPA-22-248737	04/19/2022	Homestead Spring	—	—
N3B-2022-1336	Organic	GELC	CAPA-22-248741	04/19/2022	Starmer Spring	—	—
N3B-2022-1336	Rad	GELC	CAPA-22-248737	04/19/2022	Homestead Spring	—	—

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-2022-1336	Rad	GELC	CAPA-22-248741	04/19/2022	Starmer Spring	—	—
N3B-2022-1353	Inorganic	GELC	CAWR-22-248719	04/20/2022	Spring 2	—	—
N3B-2022-1353	Inorganic	GELC	CAWR-22-248720	04/20/2022	Spring 2	—	—
N3B-2022-1353	Organic	GELC	CAWR-22-248720	04/20/2022	Spring 2	—	—
N3B-2022-1353	Rad	GELC	CAWR-22-248720	04/20/2022	Spring 2	—	—
N3B-2022-1448	Inorganic	GELC	CASA-22-249212	05/06/2022	R-10a	690.0	700.0
N3B-2022-1448	Inorganic	GELC	CASA-22-249213	05/06/2022	R-10a	690.0	700.0
N3B-2022-1448	Organic	GELC	CASA-22-249212	05/06/2022	R-10a	690.0	700.0
N3B-2022-1448	Rad	GELC	CASA-22-249212	05/06/2022	R-10a	690.0	700.0
N3B-2022-1759	Inorganic	GELC	CAPU-22-250844	06/17/2022	R-24	825.0	848.0
N3B-2022-1759	Inorganic	GELC	CAPU-22-250845	06/17/2022	R-24	825.0	848.0
N3B-2022-1759	Inorganic	GELC	CAPU-22-250877	06/17/2022	R-24	825.0	848.0
N3B-2022-1759	Inorganic	GELC	CAPU-22-250878	06/17/2022	R-24	825.0	848.0
N3B-2022-1759	Organic	GELC	CAPU-22-250844	06/17/2022	R-24	825.0	848.0
N3B-2022-1759	Organic	GELC	CAPU-22-250877	06/17/2022	R-24	825.0	848.0
N3B-2022-1759	Rad	GELC	CAPU-22-250844	06/17/2022	R-24	825.0	848.0
N3B-2022-1759	Rad	GELC	CAPU-22-250877	06/17/2022	R-24	825.0	848.0
N3B-2022-1783	Inorganic	GELC	CAPU-22-250828	06/20/2022	POI-4	159.0	174.0
N3B-2022-1783	Inorganic	GELC	CAPU-22-250829	06/20/2022	POI-4	159.0	174.0
N3B-2022-1783	Organic	GELC	CAPU-22-250828	06/20/2022	POI-4	159.0	174.0
N3B-2022-182	Inorganic	GELC	CAPA-22-235463	10/25/2021	R-17 S1	1057.0	1080.0
N3B-2022-182	Inorganic	GELC	CAPA-22-235464	10/25/2021	R-17 S2	1124.0	1134.0
N3B-2022-182	Inorganic	GELC	CAPA-22-235466	10/25/2021	R-17 S2	1124.0	1134.0
N3B-2022-182	Organic	GELC	CAPA-22-235463	10/25/2021	R-17 S1	1057.0	1080.0
N3B-2022-182	Organic	GELC	CAPA-22-235464	10/25/2021	R-17 S2	1124.0	1134.0
N3B-2022-182	Organic	GELC	CAPA-22-235466	10/25/2021	R-17 S2	1124.0	1134.0
N3B-2022-1882	Inorganic	GELC	CAPU-22-250848	06/22/2022	R-3	974.5	995.0

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-2022-1882	Inorganic	GELC	CAPU-22-250849	06/22/2022	R-3	974.5	995.0
N3B-2022-1882	Inorganic	GELC	CAPU-22-250880	06/22/2022	R-3	974.5	995.0
N3B-2022-1882	Inorganic	GELC	CAPU-22-250881	06/22/2022	R-3	974.5	995.0
N3B-2022-1882	Organic	GELC	CAPU-22-250848	06/22/2022	R-3	974.5	995.0
N3B-2022-1882	Organic	GELC	CAPU-22-250880	06/22/2022	R-3	974.5	995.0
N3B-2022-1882	Rad	GELC	CAPU-22-250848	06/22/2022	R-3	974.5	995.0
N3B-2022-1882	Rad	GELC	CAPU-22-250880	06/22/2022	R-3	974.5	995.0
N3B-2022-1951	Inorganic	GELC	CALA-22-250815	06/23/2022	LAUZ-1	5.4	10.4
N3B-2022-1951	Inorganic	GELC	CALA-22-250816	06/23/2022	LAUZ-1	5.4	10.4
N3B-2022-1951	Inorganic	GELC	CAPU-22-250824	06/24/2022	PAO-5n	7.4	12.4
N3B-2022-1951	Organic	GELC	CALA-22-250815	06/23/2022	LAUZ-1	5.4	10.4
N3B-2022-1951	Organic	GELC	CAPU-22-250824	06/24/2022	PAO-5n	7.4	12.4
N3B-2022-1951	Rad	GELC	CALA-22-250815	06/23/2022	LAUZ-1	5.4	10.4
N3B-2022-1981	Inorganic	GELC	CAPU-22-250832	06/27/2022	R-3i	215.2	220.0
N3B-2022-1981	Inorganic	GELC	CAPU-22-250833	06/27/2022	R-3i	215.2	220.0
N3B-2022-1981	Organic	GELC	CAPU-22-250832	06/27/2022	R-3i	215.2	220.0
N3B-2022-1981	Rad	GELC	CAPU-22-250832	06/27/2022	R-3i	215.2	220.0
N3B-2022-2035	Inorganic	GELC	CAPU-22-250852	06/28/2022	R-4	792.9	816.0
N3B-2022-2035	Inorganic	GELC	CAPU-22-250853	06/28/2022	R-4	792.9	816.0
N3B-2022-2035	Organic	GELC	CAPU-22-250852	06/28/2022	R-4	792.9	816.0
N3B-2022-2035	Rad	GELC	CAPU-22-250852	06/28/2022	R-4	792.9	816.0
N3B-2022-2089	Inorganic	GELC	CAPU-22-250836	06/29/2022	TW-2Ar	102.0	112.0
N3B-2022-2089	Inorganic	GELC	CAPU-22-250837	06/29/2022	TW-2Ar	102.0	112.0
N3B-2022-2089	Organic	GELC	CAPU-22-250836	06/29/2022	TW-2Ar	102.0	112.0
N3B-2022-2089	Rad	GELC	CAPU-22-250836	06/29/2022	TW-2Ar	102.0	112.0
N3B-2022-2108	Inorganic	GELC	CAPU-22-253061	06/30/2022	R-2	906.4	929.6
N3B-2022-2108	Organic	GELC	CAPU-22-253061	06/30/2022	R-2	906.4	929.6

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-2022-2111	Inorganic	GELC	CAPU-22-253061	06/30/2022	R-2	906.4	929.6
N3B-2022-2111	Inorganic	GELC	CAPU-22-253062	06/30/2022	R-2	906.4	929.6
N3B-2022-2111	Organic	GELC	CAPU-22-253061	06/30/2022	R-2	906.4	929.6
N3B-2022-2111	Rad	GELC	CAPU-22-253061	06/30/2022	R-2	906.4	929.6
N3B-2022-237	Inorganic	GELC	CAPA-22-235462	10/27/2021	R-19 S2	893.3	909.6
N3B-2022-237	Inorganic	GELC	CAPA-22-235465	10/27/2021	R-19 S3	1171.4	1215.4
N3B-2022-237	Organic	GELC	CAPA-22-235462	10/27/2021	R-19 S2	893.3	909.6
N3B-2022-237	Organic	GELC	CAPA-22-235465	10/27/2021	R-19 S3	1171.4	1215.4
N3B-2022-324	Inorganic	GELC	CASA-22-236463	11/04/2021	R-10 S1	874.0	897.0
N3B-2022-324	Inorganic	GELC	CASA-22-236464	11/04/2021	R-10 S1	874.0	897.0
N3B-2022-324	Inorganic	GELC	CASA-22-236467	11/04/2021	R-10 S2	1042.0	1065.0
N3B-2022-324	Inorganic	GELC	CASA-22-236468	11/04/2021	R-10 S2	1042.0	1065.0
N3B-2022-324	Inorganic	GELC	CASA-22-236471	11/04/2021	R-10a	690.0	700.0
N3B-2022-324	Inorganic	GELC	CASA-22-236472	11/04/2021	R-10a	690.0	700.0
N3B-2022-324	Inorganic	GELC	CASA-22-236475	11/04/2021	R-10a	690.0	700.0
N3B-2022-324	Inorganic	GELC	CASA-22-236476	11/04/2021	R-10a	690.0	700.0
N3B-2022-324	Inorganic	GELC	CAMO-22-236478	11/05/2021	R-34	883.7	906.6
N3B-2022-324	Inorganic	GELC	CAMO-22-236479	11/05/2021	R-34	883.7	906.6
N3B-2022-324	Organic	GELC	CASA-22-236464	11/04/2021	R-10 S1	874.0	897.0
N3B-2022-324	Organic	GELC	CASA-22-236468	11/04/2021	R-10 S2	1042.0	1065.0
N3B-2022-324	Organic	GELC	CASA-22-236472	11/04/2021	R-10a	690.0	700.0
N3B-2022-324	Organic	GELC	CASA-22-236476	11/04/2021	R-10a	690.0	700.0
N3B-2022-324	Organic	GELC	CAMO-22-236479	11/05/2021	R-34	883.700	906.600
N3B-2022-324	Rad	GELC	CASA-22-236464	11/04/2021	R-10 S1	874.0	897.0
N3B-2022-324	Rad	GELC	CASA-22-236468	11/04/2021	R-10 S2	1042.0	1065.0
N3B-2022-324	Rad	GELC	CASA-22-236472	11/04/2021	R-10a	690.0	700.0
N3B-2022-324	Rad	GELC	CASA-22-236476	11/04/2021	R-10a	690.0	700.0

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-2022-324	Rad	GELC	CAMO-22-236479	11/05/2021	R-34	883.7	906.6
N3B-2022-40	Inorganic	GELC	CAWR-22-234645	10/04/2021	Spring 4A	—	—
N3B-2022-40	Inorganic	GELC	CAWR-22-234646	10/04/2021	Spring 4A	—	—
N3B-2022-40	Inorganic	GELC	CAWR-22-234647	10/04/2021	Spring 4AA	—	—
N3B-2022-40	Inorganic	GELC	CAWR-22-234648	10/04/2021	Spring 4AA	—	—
N3B-2022-40	Inorganic	GELC	CAWR-22-234657	10/05/2021	Spring 6A	—	—
N3B-2022-40	Inorganic	GELC	CAWR-22-234658	10/05/2021	Spring 6A	—	—
N3B-2022-40	Inorganic	GELC	CAWR-22-234661	10/05/2021	Spring 9	—	—
N3B-2022-40	Inorganic	GELC	CAWR-22-234662	10/05/2021	Spring 9	—	—
N3B-2022-40	Inorganic	GELC	CAWR-22-234663	10/05/2021	Spring 9A	—	—
N3B-2022-40	Inorganic	GELC	CAWR-22-234664	10/05/2021	Spring 9A	—	—
N3B-2022-40	Organic	GELC	CAWR-22-234645	10/04/2021	Spring 4A	—	—
N3B-2022-40	Organic	GELC	CAWR-22-234647	10/04/2021	Spring 4AA	—	—
N3B-2022-40	Organic	GELC	CAWR-22-234657	10/05/2021	Spring 6A	—	—
N3B-2022-40	Organic	GELC	CAWR-22-234661	10/05/2021	Spring 9	—	—
N3B-2022-40	Organic	GELC	CAWR-22-234663	10/05/2021	Spring 9A	—	—
N3B-2022-40	Rad	GELC	CAWR-22-234645	10/04/2021	Spring 4A	—	—
N3B-2022-40	Rad	GELC	CAWR-22-234647	10/04/2021	Spring 4AA	—	—
N3B-2022-40	Rad	GELC	CAWR-22-234657	10/05/2021	Spring 6A	—	—
N3B-2022-40	Rad	GELC	CAWR-22-234661	10/05/2021	Spring 9	—	—
N3B-2022-40	Rad	GELC	CAWR-22-234663	10/05/2021	Spring 9A	—	—
N3B-2022-41	Inorganic	GELC	CAWR-22-234641	10/04/2021	Spring 3AA	—	—
N3B-2022-41	Inorganic	GELC	CAWR-22-234642	10/04/2021	Spring 3AA	—	—
N3B-2022-41	Inorganic	GELC	CAWR-22-234643	10/04/2021	Spring 4	—	—
N3B-2022-41	Inorganic	GELC	CAWR-22-234644	10/04/2021	Spring 4	—	—
N3B-2022-41	Inorganic	GELC	CAWR-22-234653	10/05/2021	Spring 5B	—	—
N3B-2022-41	Inorganic	GELC	CAWR-22-234654	10/05/2021	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-2022-41	Inorganic	GELC	CAWR-22-234709	10/05/2021	Spring 5B	—	—
N3B-2022-41	Inorganic	GELC	CAWR-22-234710	10/05/2021	Spring 5B	—	—
N3B-2022-41	Organic	GELC	CAWR-22-234641	10/04/2021	Spring 3AA	—	—
N3B-2022-41	Organic	GELC	CAWR-22-234643	10/04/2021	Spring 4	—	—
N3B-2022-41	Organic	GELC	CAWR-22-234653	10/05/2021	Spring 5B	—	—
N3B-2022-41	Organic	GELC	CAWR-22-234709	10/05/2021	Spring 5B	—	—
N3B-2022-41	Rad	GELC	CAWR-22-234641	10/04/2021	Spring 3AA	—	—
N3B-2022-41	Rad	GELC	CAWR-22-234643	10/04/2021	Spring 4	—	—
N3B-2022-41	Rad	GELC	CAWR-22-234653	10/05/2021	Spring 5B	—	—
N3B-2022-41	Rad	GELC	CAWR-22-234709	10/05/2021	Spring 5B	—	—
N3B-2022-42	Inorganic	GELC	CAWR-22-234639	10/04/2021	Spring 3A	—	—
N3B-2022-42	Inorganic	GELC	CAWR-22-234640	10/04/2021	Spring 3A	—	—
N3B-2022-42	Inorganic	GELC	CAWR-22-234651	10/05/2021	Spring 5	—	—
N3B-2022-42	Inorganic	GELC	CAWR-22-234652	10/05/2021	Spring 5	—	—
N3B-2022-42	Inorganic	GELC	CAWR-22-234659	10/05/2021	Spring 8A	—	—
N3B-2022-42	Inorganic	GELC	CAWR-22-234660	10/05/2021	Spring 8A	—	—
N3B-2022-42	Organic	GELC	CAWR-22-234639	10/04/2021	Spring 3A	—	—
N3B-2022-42	Organic	GELC	CAWR-22-234651	10/05/2021	Spring 5	—	—
N3B-2022-42	Organic	GELC	CAWR-22-234659	10/05/2021	Spring 8A	—	—
N3B-2022-42	Rad	GELC	CAWR-22-234639	10/04/2021	Spring 3A	—	—
N3B-2022-42	Rad	GELC	CAWR-22-234651	10/05/2021	Spring 5	—	—
N3B-2022-42	Rad	GELC	CAWR-22-234659	10/05/2021	Spring 8A	—	—
N3B-2022-43	Inorganic	GELC	CAWR-22-234637	10/04/2021	Spring 3	—	—
N3B-2022-43	Inorganic	GELC	CAWR-22-234638	10/04/2021	Spring 3	—	—
N3B-2022-43	Inorganic	GELC	CAWR-22-234655	10/05/2021	Spring 6	—	—
N3B-2022-43	Inorganic	GELC	CAWR-22-234656	10/05/2021	Spring 6	—	—
N3B-2022-43	Organic	GELC	CAWR-22-234637	10/04/2021	Spring 3	—	—

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-2022-43	Organic	GELC	CAWR-22-234655	10/05/2021	Spring 6	—	—
N3B-2022-43	Rad	GELC	CAWR-22-234637	10/04/2021	Spring 3	—	—
N3B-2022-43	Rad	GELC	CAWR-22-234655	10/05/2021	Spring 6	—	—
N3B-2022-46	Inorganic	CFA[g]	CAWR-22-234643	10/04/2021	Spring 4	—	—
N3B-2022-46	Organic	CFA	CAWR-22-234643	10/04/2021	Spring 4	—	—
N3B-2022-49	Inorganic	GELC	CAWR-22-234635	10/07/2021	Spring 1	—	—
N3B-2022-49	Inorganic	GELC	CAWR-22-234636	10/07/2021	Spring 1	—	—
N3B-2022-49	Organic	GELC	CAWR-22-234635	10/07/2021	Spring 1	—	—
N3B-2022-49	Rad	GELC	CAWR-22-234635	10/07/2021	Spring 1	—	—
N3B-2022-64	Inorganic	GELC	CAWR-22-234631	10/12/2021	Sacred Spring	—	—
N3B-2022-64	Inorganic	GELC	CAWR-22-234632	10/12/2021	Sacred Spring	—	—
N3B-2022-64	Inorganic	GELC	CAWR-22-234629	10/12/2021	Upper La Mesita	—	—
N3B-2022-64	Inorganic	GELC	CAWR-22-234630	10/12/2021	Upper La Mesita	—	—
N3B-2022-64	Organic	GELC	CAWR-22-234631	10/12/2021	Sacred Spring	—	—
N3B-2022-64	Organic	GELC	CAWR-22-234629	10/12/2021	Upper La Mesita	—	—
N3B-2022-64	Rad	GELC	CAWR-22-234631	10/12/2021	Sacred Spring	—	—
N3B-2022-64	Rad	GELC	CAWR-22-234629	10/12/2021	Upper La Mesita	—	—
N3B-2022-904	Inorganic	GELC	CAAN-22-239734	02/08/2022	R-31 S3	666.3	676.3
N3B-2022-904	Inorganic	GELC	CAAN-22-239735	02/08/2022	R-31 S3	666.3	676.3
N3B-2022-904	Organic	GELC	CAAN-22-239735	02/08/2022	R-31 S3	666.3	676.3
N3B-2022-904	Rad	GELC	CAAN-22-239735	02/08/2022	R-31 S3	666.3	676.3
N3B-2022-915	Inorganic	GELC	CAAN-22-239772	02/09/2022	R-31 S4	826.6	836.6
N3B-2022-915	Inorganic	GELC	CAAN-22-239773	02/09/2022	R-31 S4	826.6	836.6
N3B-2022-915	Inorganic	GELC	CAAN-22-239776	02/09/2022	R-31 S4	826.6	836.6
N3B-2022-915	Inorganic	GELC	CAAN-22-239777	02/09/2022	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-2022-915	Organic	GELC	CAAN-22-239773	02/09/2022	R-31 S4	826.6	836.6
N3B-2022-915	Organic	GELC	CAAN-22-239777	02/09/2022	R-31 S4	826.6	836.6
N3B-2022-915	Rad	GELC	CAAN-22-239773	02/09/2022	R-31 S4	826.6	836.6
N3B-2022-915	Rad	GELC	CAAN-22-239777	02/09/2022	R-31 S4	826.6	836.6

[a] bgs = Below ground surface.

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

[c] S = Screen.

[d] Rad = Radiochemistry (not gamma).

[e] ARSL = American Radiation Services, Inc.

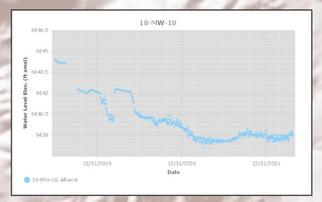
[f] — = Not applicable.

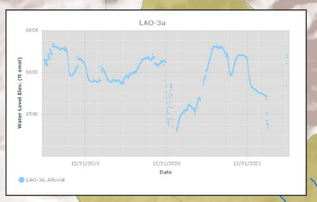
[g] CFA = Cape Fear Analytical, LLC, Wilmington, NC, division of the GEL Group, Inc., Charleston SC.

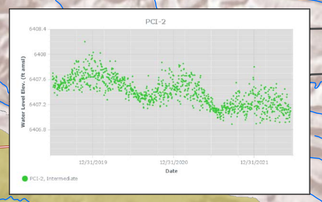
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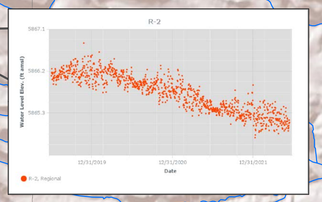
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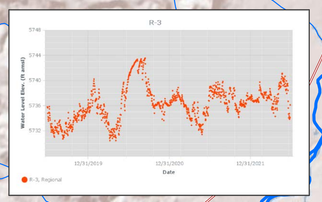


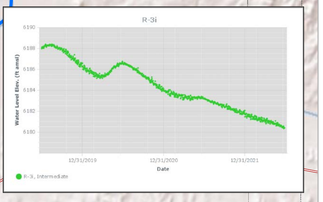


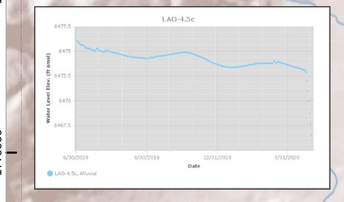




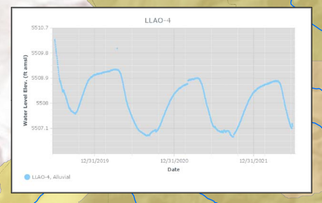


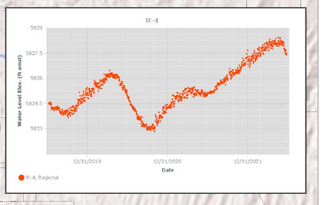


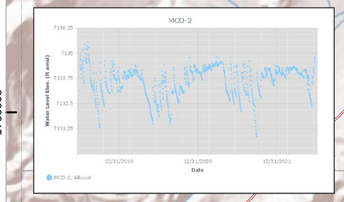


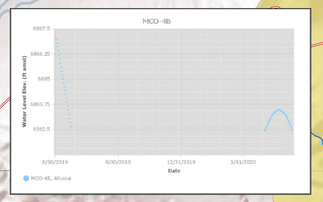


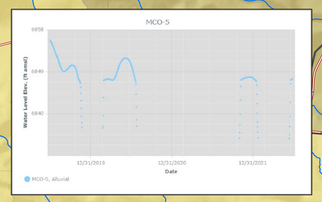


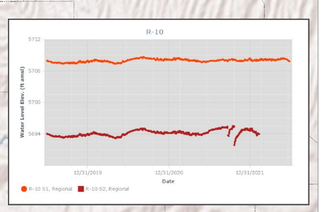


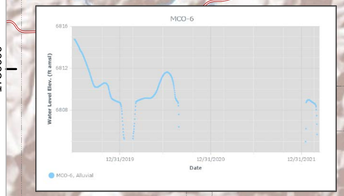




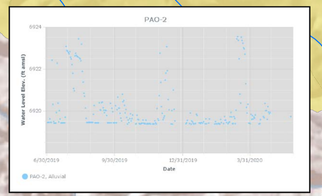


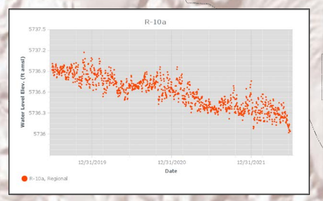


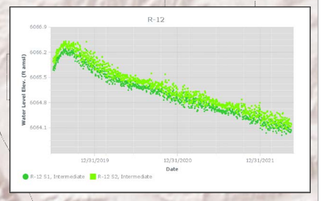


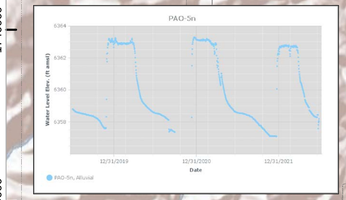


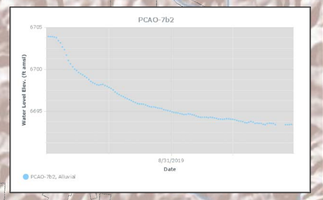




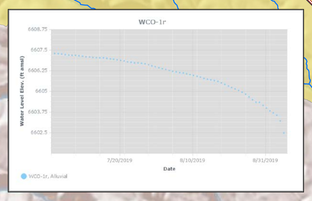


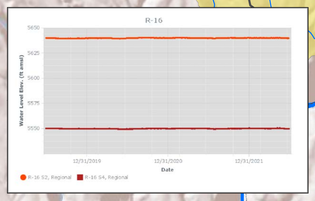


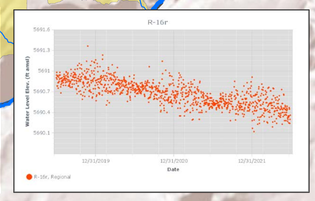


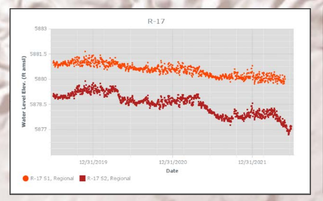


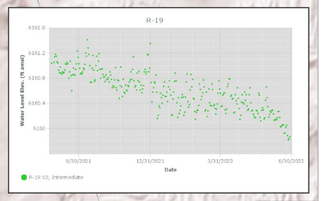


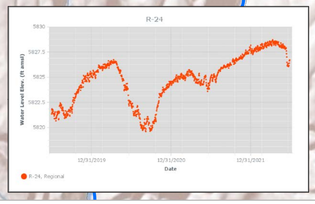






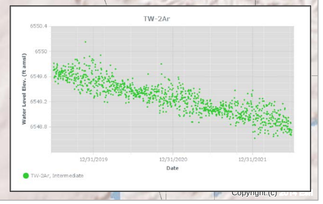


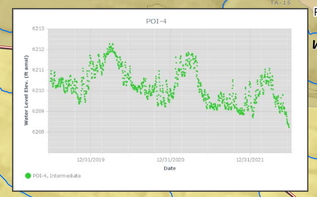












PAO-2
R-2
TW-2Ar
R-24
Los Alamos and Pueblo Canyon Watersheds
E. Jemez Rd
03-B-13
LAUZ-1
LAO-1.6g
LAO-3a
LAO-4.5c
R-3
R-3i
PAO-5n
POI-4
LLAO-1b
LLAO-4
502
30
MCO-2
MCO-4B
MCO-5
MCO-6
MCO-7
Pajarito Rd
R-12 S1
R-12 S2
Sandia Canyon Watershed
501
Pajarito Canyon Watershed
PCI-2
R-17 S1
R-17 S2
CDBO-6
R-34
R-10a
R-10 S1
R-10 S2
Mortandad Canyon Watershed
4
R-19 S3
R-19 S2
PCAO-7b2
18-MW-18
R-16 S4
R-16 S2
R-16r
PCAO-8
WCO-1r
Water Canyon/Canon de Valle Watersheds
R-31 S4
R-31 S3
Ancho Canyon Watershed

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
Created: 29-September-2022
Last Opened: Thursday, September 29, 2022

File: map_20-0036_PMR_General_Surveillance_Intermediate_Plate2_2022

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Miles

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