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

EMLA-24-BF13-2-1

November 3, 2023

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NMED Hazardous Waste Bureau

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

Subject: Submittal of the 2023 Annual Periodic Monitoring Report for the Technical Area 21 Monitoring Group, Los Alamos Canyon Watershed, Revision 1, and the Response to the New Mexico Environment Department Review of the 2023 Annual Periodic Monitoring Report for the Technical Area 21 Monitoring Group, Los Alamos Canyon Watershed

Dear Mr. Shean:

Enclosed please find two hard copies with electronic files of the "2023 Annual Periodic Monitoring Report for the Technical Area 21 Monitoring Group, Los Alamos Canyon Watershed, Revision 1." Enclosure 1 includes an electronic copy of a redline strikeout version of the report that incorporates all changes made in response to the New Mexico Environment Department's (NMED's) review comments dated September 19, 2023 (Enclosure 2).

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

If you have any questions, please contact Amanda White at (505) 309-1366 (amanda.white@em-la.doe.gov) or Hai Shen at (505) 709-7600 (hai.shen@em.doe.gov).

Sincerely,

Digitally signed by BRIAN HARCEK
Date: 2023.11.02 15:09:01 -06'00'

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

Enclosure(s): Two hard copies with electronic files

1. 2023 Annual Periodic Monitoring Report for the Technical Area 21 Monitoring Group, Los Alamos Canyon Watershed, Revision 1 (including a redline strikeout version) (EM2023-0751)
2. Response to the New Mexico Environment Department's Review of the 2023 Annual Periodic Monitoring Report for the Technical Area 21 Monitoring Group, Los Alamos Canyon Watershed (February 2023), Los Alamos National Laboratory, EPA ID#NM0890010515, HWB-LANL-23-011, Dated September 19, 2023 (EM2023-0750)

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Response to New Mexico Environment Department Review, 2023 Annual Periodic Monitoring Report for the Technical Area 21 Monitoring Group, Los Alamos Canyon Watershed (February 2023) Los Alamos National Laboratory, EPA ID #NM0890010515, HWB-LANL-23-011, Dated September 19, 2023

INTRODUCTION

To facilitate review of this response, the New Mexico Environment Department's (NMED's) comments are included verbatim (in italics). The U.S. Department of Energy (DOE) Environmental Management Los Alamos Field Office's responses follow each NMED comment.

SPECIFIC COMMENTS

NMED Comment

1. ***The sampling location LAOI-7 had a detection of filtered nickel at 288 µg/L, which exceeds the NMWQCC standard screening levels of 200 µg/L. Filtered nickel was also above the NMWQCC standard for the samples from the previous year, collected on 08/11/2021, with detections at 481 µg/L and 502 µg/L. This shows a two-year trend in elevated concentrations of nickel at location LAOI-7 and a discussion on this trend should be provided. The previous analytical results from the three years prior to the exceedances were 5.4 µg/L from the sample collected on 08/26/2020, 4.34 µg/L from the sample collected on 09/17/2019, and 4.01 µg/L from the sample collected on 09/17/2018.***

DOE Response

1. The following text has been added to the LAOI-7 discussion in section 5.2.1: "The previous range of nickel concentrations detected at LAOI-7 from September 2010 to September 2021 was 1.94 to 502.0 µg/L. Nickel first exceeded the NMWQCC 200-µg/L standard in 2021, with concentrations measured at 481 µg/L and 502 µg/L. In 2022, the nickel concentration decreased to 288 µg/L, which still exceeds the NMWQCC standard. Similar concentration trends have occurred for iron, with an elevated concentration of 654 µg/L in 2021 and a lower concentration of 116 µg/L in 2022. Both nickel and iron concentrations would increase if stainless-steel corrosion was occurring. Chromium concentrations (5 µg/L and 19 µg/L in 2021 and 2022, respectively) also support a hypothesis that corrosion may be causing the elevated nickel concentrations. These concentrations will continue to be monitored to identify any sustained concentration trends and confirm or refute that corrosion is occurring at LAOI-7.

NMED Comment

2. ***As stated in the Report, results for Low-Level Tritium were not reported in Table C.1 or in Table C.2 for locations LAOI(a)-1.1, R-5 S2, R-6, R-64, R-66, R-7 S3, R-8 S1, R-8 S2, R-9, R-9i S1, and TA-53i. Please provide data for Low-Level Tritium when it is available.***

DOE Response

2. Per the Monitoring Year 2023 Interim Facility-Wide Groundwater Monitoring Plan, Revision 1 (N3B 2022, 702346), all 11 locations were planned for low-level tritium sampling. The samples were sent to ARS Aleut Analytical, LLC (ALEUT), formerly called American Radiation Services, Inc. (ARSL), in Port Allen, Louisiana, for analysis.

ALEUT is the only laboratory accredited by the DOE Consolidated Audit Program – Accreditation Program for use by the DOE community to perform low-level tritium analyses. The demand for accredited low-level tritium analyses has exceeded ALEUT's ability to provide analytical services. Thirteen low-level tritium results for locations LAOI(a)-1.1, R-5 screen 2, R-6, R-64, R-66, R-7 screen 3, R-8 screen 1, R-8 screen 2, R-9, R-9i screen 1, and TA-53i were uploaded 237 to 303 days after sampling and will be available at the time of the 2024 Technical Area 21 monitoring group periodic monitoring report (PMR) submittal on February 28, 2024, and will be included in Table C-2. Additionally, these results have been added to Tables C-1 and C-2 and are available on the CD included with this revised report. Tritium results for the last four periodic monitoring events have also been added to Table C-2 for each of the locations.

NMED Comment

3. The regional aquifer water table map presented in Figure 4.4-1 should include an explanation of the abnormal flow trends resulting from the impacts of the pumping associated with the injection and extraction from the hexavalent chromium plume interim remediation. The water table elevation lines should be limited to the Los Alamos Canyon Watershed and should not extrapolate into other canyons south of the monitoring locations.

DOE Response

3. To ensure that no inconsistencies occur when water-level contours are drawn for a small area, water-level data across the site are used to develop the contours. A revised version of Figure 4.4-1 has been substituted in the revised report to eliminate contours in other canyons.

   Given that no data from the chromium investigation area are provided in this report, a discussion of pumping effects from the interim measure is not warranted.

   The effects of the chromium treatment system on water levels are presented in the "Annual Progress Report on Chromium Plume Control Interim Measure Performance, July 2021 through March 2022" (N3B 2022, 702170).

NMED Comment

4. Clarification on the discussion and agreement made should be provided in Section 5.3, Sampling Program Modifications, where the Report states that NMED requested the frequencies for the analytical suites PCB and HEXP were reduced to quinquennially for locations R-9 S1, R-5 S2, R-7 S3, R-8 S1, and R-8 S2.

DOE Response

4. DOE has revised the PMR as follows (new text is in bold): "At the request of NMED, **following a review of historical detections provided by DOE,** sampling frequencies for the analytical suites PCB and HEXP were reduced to quinquennially at R-9 S1, R-5 S2, R-7 S3, R-8 S1, and R-8 S2."

REFERENCES

N3B (Newport News Nuclear BWXT-Los Alamos, LLC), June 2022. "Annual Progress Report on Chromium Plume Control Interim Measure Performance, July 2021 through March 2022," Newport News Nuclear BWXT-Los Alamos, LLC, document EM2022-0355, Los Alamos, New Mexico. (N3B 2022, 702170)

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)

November 2023
EM2023-0751

2023 Annual Periodic Monitoring Report for the Technical Area 21 Monitoring Group, Los Alamos Canyon Watershed, Revision 1

N3B Los Alamos

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

EM2023-0751

2023 Annual Periodic Monitoring Report for the Technical Area 21 Monitoring Group, Los Alamos Canyon Watershed, Revision 1

November 2023

Responsible T2S program director:

Printed Name	Signature	Title	Organization	Date
Amanda White		Director	Water Program	10/26/23

Responsible N3B program director:

Printed Name	Signature	Title	Organization	Date
Michael Erickson		Director	Water Program	10/26/23

Responsible N3B representative:

Printed Name	Signature	Title	Organization	Date
Troy Thomson		Program Manager	N3B Environmental Remediation Program	10/26/23

Responsible DOE EM-LA representative:

Printed Name	Signature	Title	Organization	Date
Arturo Q. Duran	Digitally signed by BRIAN HARCEK Date: 2023.11.02 18:08:53 -06'00'	Compliance and Permitting Manager	Office of Quality and Regulatory Compliance	

EXECUTIVE SUMMARY

This annual periodic monitoring report (PMR) presents validated results for the Newport News Nuclear BWXT-Los Alamos, LLC groundwater monitoring program results for the Technical Area 21 (TA-21) monitoring group that have not been previously reported. All monitoring work reported in this PMR was conducted pursuant to the “Interim Facility-Wide Groundwater Monitoring Plan for the 2022 Monitoring Year, October 2021–September 2022, Revision 1” (2022 IFGMP) prepared in accordance with the 2016 Compliance Order on Consent.

All active monitoring locations in the TA-21 monitoring group are located within the Los Alamos Canyon watershed, with the exception of one location in Sandia Canyon watershed and one location in Pueblo Canyon watershed.

This PMR presents monitoring results for two periodic monitoring events (PMEs) conducted during the first and fourth quarters of the 2022 monitoring year, and includes the monitoring of perched-intermediate and regional wells.

In addition to validated results from the current PMEs, results are reported for the previous four PMEs as well as earlier TA-21 monitoring group PMEs that have not yet been reported because the validated laboratory data were not available at the time of the previous TA-21 PMR preparations.

Groundwater samples collected during the PMEs were analyzed for all or some of the following analytical suites as specified in the 2022 IFGMP: metals; volatile organic compounds; semivolatile organic compounds; low-level 1,4-dioxane; low-level nitrosamines; per- and polyfluoroalkyl substances; polychlorinated biphenyls; high explosives; radionuclides (including tritium and low-level tritium); and general inorganic chemicals (including perchlorate). Additionally, the following field parameters were measured: dissolved oxygen, flow rate (in gallons per minute), oxidation-reduction potential, pH, specific conductance, temperature, and turbidity.

One groundwater analytical result reported in this PMR was detected above the applicable screening values. This screening value exceedance was for filtered nickel.

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

Appendix B Groundwater Elevation Measurements (on CD included with this document)

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

Appendix D Groundwater Results Greater Than Half of Screening Values

Appendix E Analytical Chemistry Graphs of Screening-Value Exceedances

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

Plate

Plate 1 Groundwater elevations

Acronyms and Abbreviations

bgs	below ground surface
COC	chain of custody
Consent Order	Compliance Order on Consent
CV	casing volume
DO	dissolved oxygen
DOE	Department of Energy (U.S.)
DP	Delta Prime
DQO	data quality objective
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.,
gpm	gallons per minute
HEXP	high explosives (analytical suite)
ID	identification
IFGMP	Interim Facility-Wide Groundwater Monitoring Plan
LANL	Los Alamos National Laboratory
MCL	maximum contaminant level (EPA)
MDA	material disposal area
MDL	method detection limit
MY	monitoring year
N	No (best-value flag)
N3B	Newport News Nuclear BWXT-Los Alamos, LLC
NM GW STD	New Mexico Water Quality Control Commission groundwater standard
NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department
NMED A1 TAP	New Mexico Environment Department screening level for tap water
NMWQCC	New Mexico Water Quality Control Commission
NTU	nephelometric turbidity unit(s)
PCB	polychlorinated biphenyls
PEB	performance evaluation blank

PFAS	per- and polyfluoroalkyl substances
PME	periodic monitoring event
PMR	periodic monitoring report
QA	quality assurance
QC	quality control
S	screen
SAP	sample and analysis plan
SCRN LVL	screening level
SOP	standard operating procedure
SU	standard unit
SVOC	semivolatile organic compound
TA	technical area
VOC	volatile organic compound
Y	Yes (best-value flag)

1.0 INTRODUCTION

This annual periodic monitoring report (PMR) for the Technical Area 21 (TA-21) monitoring group provides documentation of the following groundwater periodic monitoring events (PMEs) conducted by Newport News Nuclear BWXT-Los Alamos, LLC (N3B):

Watershed	PME Reported		PME Field Sampling	
	Monitoring Year	Quarter	Begin	End
Los Alamos, Sandia and Pueblo Canyons	2022	1	12/20/2021	12/20/2021
		4	09/06/2022	09/23/2022

The annual TA-21 monitoring group PMR is submitted to the New Mexico Environment Department (NMED) every February and includes validated results from the TA-21 monitoring group PME performed during the first and fourth quarter of the monitoring year (MY). In addition to results from the PME listed in the table above, results are reported for the previous four PMEs, as well as data from earlier TA-21 monitoring group PMEs that have not yet been reported because the validated laboratory data were not available at the time of the previous TA-21 PMR preparations.

The PMEs reported in this PMR included sampling of groundwater wells and well screen locations pursuant to the “Interim Facility-Wide Groundwater Monitoring Plan for the 2022 Monitoring Year, October 2021–September 2022, Revision 1” (hereafter referred to as the 2022 IFGMP) (N3B 2021, 701672), which was prepared in accordance with the 2016 Compliance Order on Consent (Consent Order).

Section IX of the Consent Order describes the role of data screening in the corrective action process. Screening values are used to identify the potential for unacceptable risk resulting from the presence of contaminants in groundwater and surface water. Screening values for evaluating IFGMP monitoring data include New Mexico Water Quality Control Commission (NMWQCC) groundwater standards, U.S. Environmental Protection Agency (EPA) maximum contaminant levels (MCLs), NMED screening levels for tap water, and EPA regional screening levels for tap water. Additional risk evaluation is required to determine the need for cleanup (corrective action) if results indicate that contaminants pose an unacceptable risk.

This report presents the following information:

- general background information on the TA-21 monitoring group;
- scope of activities for the TA-21 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

The TA-21 monitoring group is located in and around TA-21 in upper Los Alamos Canyon, Delta Prime (DP) Canyon, and Pueblo Canyon. TA-21 is located on DP Mesa on the northern boundary of Los Alamos National Laboratory (LANL or the Laboratory) and is immediately east-southeast of the Los Alamos townsite. It extends from the mesa top to the stream channels in two adjacent canyons, DP Canyon to the north and Los Alamos Canyon to the south.

During World War II, the Laboratory was established for research, development, and testing of the first deliverable nuclear weapon. In 1945, the operations for establishing the chemical and metallurgical properties of the nuclear material necessary to achieve and sustain a nuclear fission reaction were transferred to newly built facilities at TA-21. TA-21 consists of two operational areas, DP West and DP East, and includes five material disposal areas (MDAs): A, B, T, U, and V.

DP West operations began in September 1945, primarily to produce plutonium metal and alloys from nitrate solution feedstock provided by other production facilities. This procedure involved several acid dissolution and chemical precipitation steps to separate the plutonium and other valuable actinides from the feedstock. A major research objective at DP West was the development of new purification techniques that would increase the efficiency of the separation processes (Christensen and Maraman 1969, 004779). Details of the purification techniques are discussed in the operable unit work plan for TA-21 (LANL 1991, 007529). Other operations performed at DP West included nuclear fuel reprocessing. In 1977, transfer of work to the new plutonium facility at TA-55 began and much of the DP West complex was vacated.

DP East operations also began in September 1945 to process polonium and actinium and to produce initiators (a nuclear weapons component). From 1952 through 1973, the facilities supported the Rover nuclear propulsion project. In 1964, building 21-209 was built to house research operations for high-temperature and actinide chemistry. Following the Rover project, the facilities supported fusion research. Building 21-155 housed the Tritium Systems Test Assembly for developing and demonstrating effective technology for handling and processing deuterium and tritium fuels used in fusion reactors. Operations ceased at DP East in 2003 and the facilities were placed in safe shutdown.

All operations at TA-21 have ceased and none of the sites are active sources that continue to release contamination. The majority of the structures at TA-21 have undergone decontamination and decommissioning beginning in 2009. Nearly all the buildings have been removed to the foundations, some areas have been remediated, and septic tanks are not receiving any discharges; all sumps and septic tanks are disconnected from their sources; some tanks have been removed, some have been filled and left in place, and some have been emptied and left in place. Roads and large paved parking areas remain and many unpaved areas are landscaped. The MDAs and the main TA-21 area are fenced for controlled access, but some former operational areas are located outside the main fenced areas. Currently, TA-21 is under DOE control and the land use is industrial.

Primary sources of contaminants in the vicinity of the TA-21 monitoring group include the effluent outfall [Solid Waste Management Unit 21-011(k)], adsorption beds and disposal shafts at MDA T, DP West, waste lines, and sumps.

The monitoring objectives for the TA-21 monitoring group are based in part on the results and conclusions presented in the “Los Alamos and Pueblo Canyons Investigation Report” (LANL 2004, 087390) in addition to the NMED-approved “Los Alamos and Pueblo Canyons Groundwater Monitoring Well Network Evaluation and Recommendations, Revision 1” (LANL 2008, 101330).

Los Alamos Canyon received releases of radioactive effluents during the earliest Manhattan Project operations at TA-01 (1942–1945) and from nuclear reactors at TA-02 until 1993. Los Alamos Canyon also received radionuclides and metals in discharges from the sanitary sewage lagoons and cooling towers at the Los Alamos Neutron Science Center at TA-53.

Pueblo Canyon receives effluent from the Los Alamos County Wastewater Treatment Plant, which was completed in 2007.

2.0 SCOPE OF ACTIVITIES

All active monitoring locations in the TA-21 monitoring group are located within the Los Alamos Canyon watershed, with the exception of one location in Sandia Canyon watershed and one location in Pueblo Canyon watershed. Monitoring locations include nine groundwater wells completed within the perched-intermediate aquifer, and seven groundwater wells completed within the deep regional aquifer.

Groundwater samples collected during the PMEs were analyzed for all or some of the following analytical suites as specified in the 2022 IFGMP (N3B 2021, 701672): metals; volatile organic compounds (VOCs); semivolatile organic compounds (SVOCs); low-level 1,4-dioxane; low-level nitrosamines; per- and polyfluoroalkyl substances (PFAS); polychlorinated biphenyls (PCBs); high explosives (HEXP); radionuclides (including tritium and low-level tritium); and general inorganic chemicals (including perchlorate). Additionally, the following field parameters were measured: dissolved oxygen, flow rate (in gallons per minute), 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 MY 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.

Figure 2.0-1 is a TA-21 vicinity map. Monitoring locations are shown in Figure 2.0-2.

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.

As per the 2022 IFGMP, low-level nitrosamines are coded as "screening-level data." This means that the data are not subject to the monthly review and reporting process but are available through Intellus New Mexico database (www.intellusnm.com).

Low-level tritium laboratory results were not available for the following locations at the time of the original submission to NMED: LAOI(a)-1.1, R-5 S2, R-6, R-64, R-66, R-7 S3, R-8 S1, R-8 S2, R-9, R-9i S1, and TA-53i. These results are now included in Table C-1. Tritium data for the last four PMEs for these locations have also been added to Table C-2.

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 NMWQCC groundwater standard or the EPA MCL, whichever is lower, is used as the screening value. 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.
- If neither the NMWQCC groundwater standard nor the EPA MCL has 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 neither the NMWQCC groundwater standard, the EPA MCL, nor the NMED screening level for tap water has 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 November 2022 EPA regional screening levels for tap water (http://www.epa.gov/risk/risk-based-screening-table-generic-tables).

4.0 MONITORING RESULTS

4.1 Methods and Procedures

All methods and procedures used to perform the field activities associated with the data reported in this PMR are documented in the 2022 IFGMP (N3B 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 MDL 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 field parameter measurements associated with the sampling and analytical data reported in this PMR, including dissolved oxygen (DO), flow rate, oxidation-reduction potential, pH, specific conductance, temperature, and turbidity. Table 2.1-1 notes any instances where the requirement for collecting field parameter measures could not be met.

4.4 Groundwater Elevations

The groundwater elevation is measured at each 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 well for maintenance and/or calibration.

Data gaps exist at the following locations:

- LADP-3 water levels are below the transducer for the entire period of record.
- LAOI(a)-1.1 water level data are not available after December 10, 2021, due to a transducer malfunction.
- R-9 water level data are not available after May 12, 2022, due to a transducer malfunction.

Groundwater-elevation data from the end of the previous PME and through the end of the current PME are presented in Appendix B (on CD included with this document), and include all continuous groundwater-elevation data. Groundwater-elevation measurements are shown graphically on Plate 1.

For wells equipped with transducers, the reported groundwater elevation was the first measurement taken on each day. Figure 4.4-1 shows regional groundwater surface and flow directions generated in ArcGIS from the first measurement on the first day of the PME, with the exception of R-63, where groundwater elevation data was unavailable on December 20, 2021. As a result, the most proximal date was used. Groundwater elevations for R-63 were collected from January 18, 2022. No perched-intermediate groundwater contours are shown. However, all groundwater-elevation data for locations with transducers are reported in Appendix B and on Plate 1.

5.0 ANALYTICAL DATA RESULTS

5.1 Methods and Procedures

All methods and procedures used to perform the analysis for the data reported in this PMR are documented in the 2022 IFGMP (N3B 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 IFGMP.

Sampling and analysis plans (SAPs) are created using 2022 IFGMP Tables 1.8-1, 1.11-1, and 2.4-1 (N3B 2021, 701672). SAPs include additional field collection, transportation, and field QA/QC 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. An analytical COC document includes the field sample identification (ID) number, the date and time of field sample collection, the sample matrix, the analytical parameters group code, and the number of bottles for each analytical parameters group.

Field QA/QC sampling and analysis is employed as a facet of the QA/QC program to assist in qualifying field sample analytical results. These field QC 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 IFGMP.

Following sample collection, sampling personnel deliver the samples, the sample collection log and the analytical COC to sample management personnel at the N3B Sample Management Office. The 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, including matrix spikes, duplicates, method blanks, and laboratory control samples. These QA/QC samples 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 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 N3B-PLN-SDM-1000, “Sample and Data Management Plan.”

- 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.

N3B-PLN-SDM-1000 sets the validation frequency criteria at 100% for Level 1 examination and Level 2 verification of data, and at 10% minimum for Level 3 validation of data. Laboratory analytical data are validated by N3B personnel as outlined in N3B-PLN-SDM-1000; N3B-AP-SDM-3000, "General Guidelines for Data Validation"; N3B-AP-SDM-3014, "Examination and Verification of Analytical Laboratory Data," and additional method-specific analytical data validation procedures.

All associated validation procedures have been developed, where applicable, from the EPA QA/G-8, "Guidance on Environmental Data Verification and Data Validation" (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 "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."

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, FB data, EQB data, and PEB data are not included in the data set.
  - Tracers used for conceptual models are not reported.
  - Data for certain target analytes from watch-list wells that are not representative or are of questionable representativeness are not reported.
  - All other results are reported for all locations.
- For radionuclide data:
  - Constituents analyzed and reported for the gamma spectroscopy suite include cesium-137, cobalt-60, neptunium-237, potassium-40, and sodium-22.
  - Americium-241 and uranium-235 data from chemical separation alpha spectroscopy are reported. Gamma spectroscopy results for these analytes are not presented.
  - All other radionuclide results are reported for all locations.

Multiple analyses of the same analyte in a sample, including dilutions and reanalyses, create multiple results which have the same sample ID, analytical laboratory code, and analytical method. Validation determines the most 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, the FD would be recorded. Figures are generated for analytical results detected at concentrations greater than screening values at more than one location.

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

Table 5.2-1 shows that one groundwater analytical result reported in this PMR was detected at concentrations above the applicable screening values. The screening value exceedance was for filtered nickel.

Perched-Intermediate Monitoring Well

LAOI-7

For the sampling event at LAOI-7 on September 23, 2022, filtered nickel was detected at 288 µg/L that exceeds the NMWQCC standard (screening levels) of 200 µg/L.

The previous range of nickel concentrations detected at LAOI-7 from September 2010 to September 2021 was 1.94 to 502.0 µg/L. Nickel first exceeded the NMWQCC 200-µg/L standard in 2021, with concentrations measured at 481 µg/L and 502 µg/L. In 2022, the nickel concentration decreased to 288 µg/L, which still exceeds the NMWQCC standard. Similar concentration trends have occurred for iron, with an elevated concentration of 654 µg/L in 2021 and a lower concentration of 116 µg/L in 2022.

Both nickel and iron concentrations would increase if stainless-steel corrosion was occurring. Chromium concentrations (5 µg/L and 19 µg/L in 2021 and 2022, respectively) also support a hypothesis that corrosion may be causing the elevated nickel concentrations. These concentrations will continue to be monitored to identify any sustained concentration trends and confirm or refute that corrosion is occurring at LAOI-7.

5.3 Sampling Program Modifications

The following modifications have been proposed for the 2023 IFGMP (N3B 2022, 702346)

In the 2023 IFGMP (N3B 2022, 702346), PFAS sampling was added to locations LAOI-7, TA-53i, and R-6, which have historical detections. PFAS sampling was removed from locations R-5 S2, R-7 S3, R-8 S1, and R-8 S2, where two rounds of sampling were completed with no detections. At the request of NMED, following a review of historical detections provided by DOE, sampling frequencies for the analytical suites PCB and HEXP were reduced to quinquennially at R-9 S1, R-5 S2, R-7 S3, R-8 S1, and R-8 S2. VOCs, SVOCs, low-level 1,4-dioxane, low-level nitrosamines will be sampled biennially to match the frequency of the TA-21 monitoring group.

6.0 SUMMARY AND INTERPRETATIONS

6.1 Monitoring Results

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

6.2 Analytical Results

6.2.1 Groundwater

One groundwater analytical result reported in this PMR was above applicable screening values (Table 5.2-1). The type of contaminant detected and the concentration is consistent with data reported in a prior PMR for this monitoring group.

6.3 Data Gaps

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

6.4 Remediation System Monitoring

Remediation system monitoring is not applicable to the TA-21 monitoring group, as no remediation systems are installed within 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 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).

Christensen, E.L., and W.J. Maraman, April 1969. “Plutonium Processing at the Los Alamos Scientific Laboratory,” Los Alamos Scientific Laboratory report LA-3542, Los Alamos, New Mexico. (Christensen and Maraman 1969, 004779)

LANL (Los Alamos National Laboratory), May 1991. “TA-21 Operable Unit RFI Work Plan for Environmental Restoration,” Vol. II (Chapters 14 to 16), Los Alamos National Laboratory document LA-UR-91-962, Los Alamos, New Mexico. (LANL 1991, 007529)

LANL (Los Alamos National Laboratory), April 2004. “Los Alamos and Pueblo Canyons Investigation Report,” Los Alamos National Laboratory document LA-UR-04-2714, Los Alamos, New Mexico. (LANL 2004, 087390)

LANL (Los Alamos National Laboratory), February 2008. “Los Alamos and Pueblo Canyons Groundwater Monitoring Well Network Evaluation and Recommendations, Revision 1,” Los Alamos National Laboratory document LA-UR-08-1105, Los Alamos, New Mexico. (LANL 2008, 101330)

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 EM2022-0150, Los Alamos, New Mexico. (N3B 2022, 702346)

NMED (New Mexico Environment Department), November 2021. “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 2021, 701849)

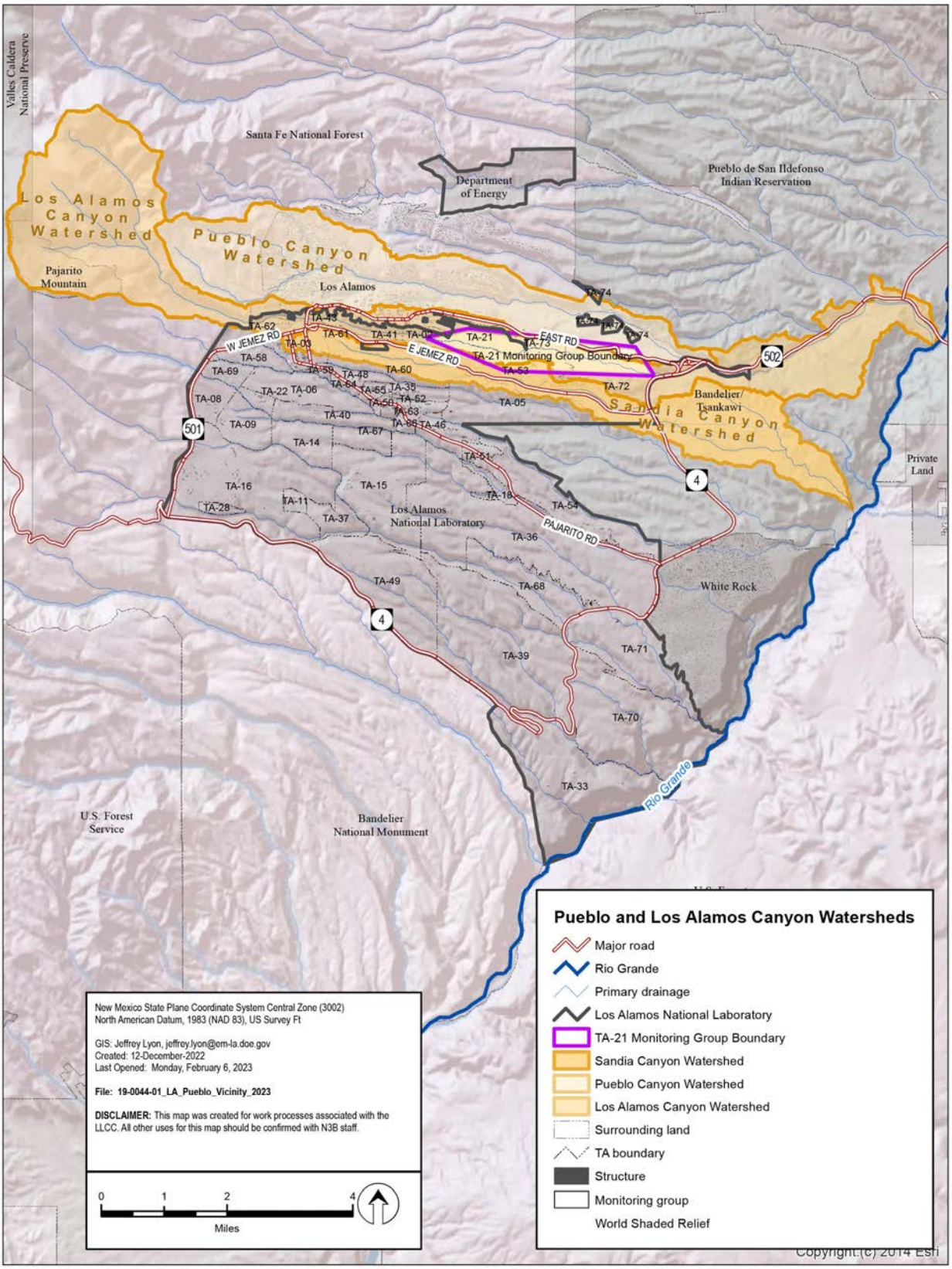


Figure 2.0-1 TA-21 vicinity map

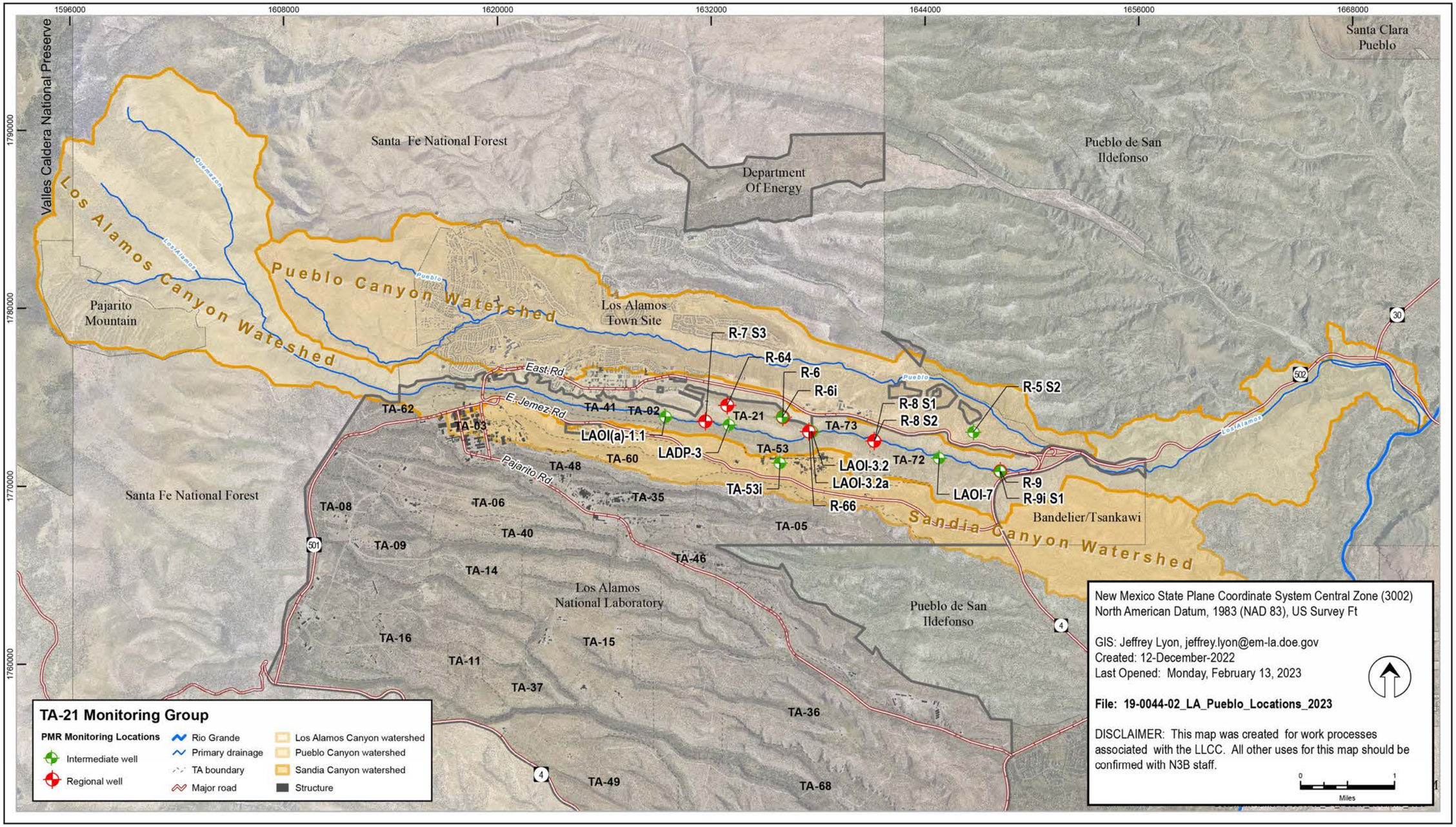
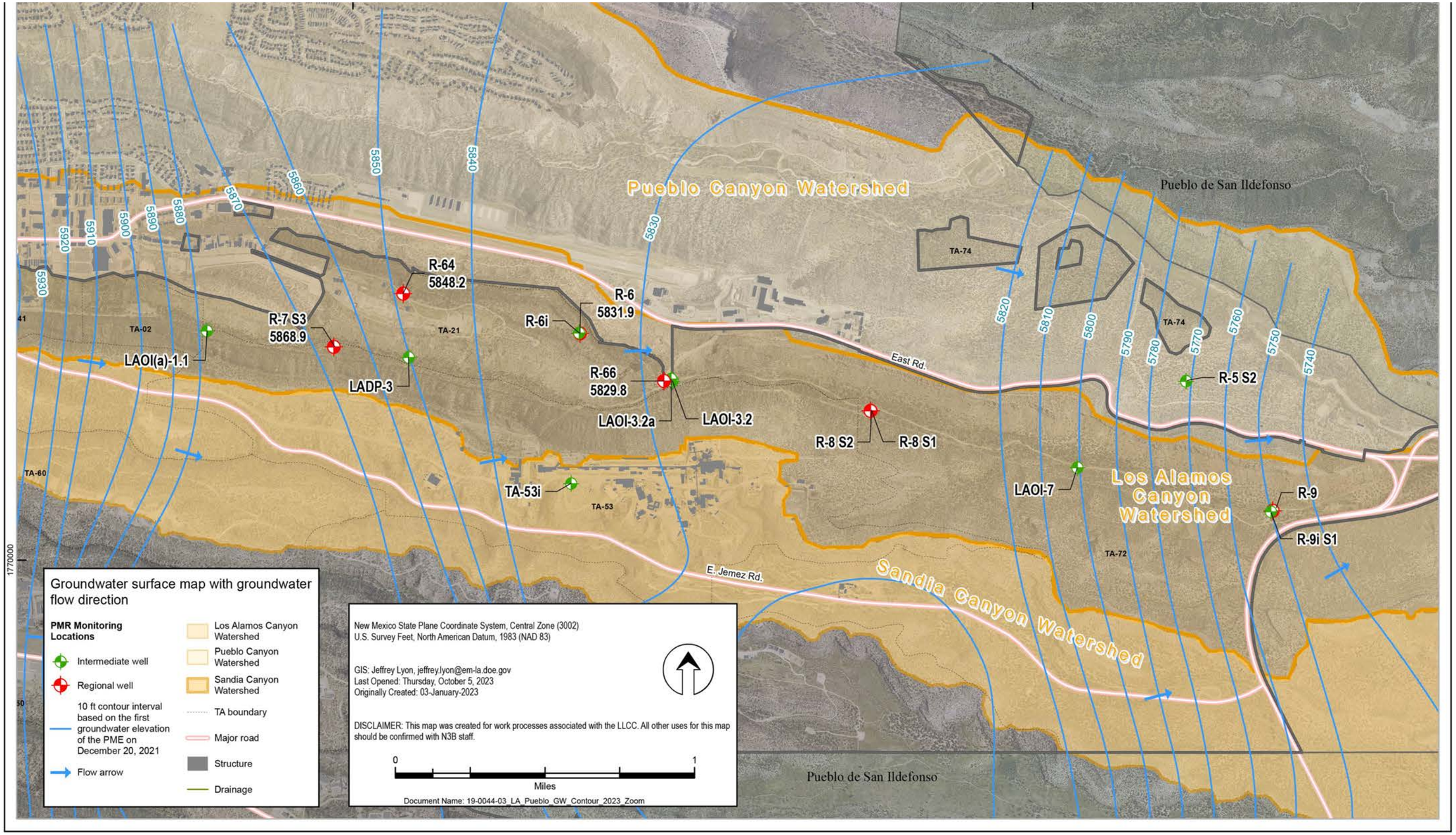


Figure 2.0-2 TA-21 monitoring group locations



Note: Regional aquifer water table contours were generated with using the very first measurement on the first day of the periodic monitoring event presented in the PMR with the exception of R-63.

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

Table 2.0-1
TA-21 Monitoring Group Locations and General Information

Location Name	Watershed	Sampling Event		Sample Collection Date	Screened Interval (ft)	Screen Top Depth (ft bgs[a])	Screen Bottom Depth (ft bgs)	Calculated Single Casing Volume (gal.)	Purge Volume (gal.)	Purge or Flow Rate (gpm[b])
		Monitoring Year	Quarter							
Intermediate										
TA-53i	Sandia	2022	4	09/13/2022	10.0	600.0	610.0	21.02	65.1	4.34
R-5 S2	Pueblo			09/19/2022	16.0	372.8	388.8	89.74	276.5	2.34
LADP-3[c]	Los Alamos			Canceled	8.7	317.6	326.3	—[d]	—	—
LAOI(a)-1.1	Los Alamos			09/14/2022	9.8	295.2	305.0	4.46	20.72	0.74
LAOI-3.2	Los Alamos			09/12/2022	9.5	153.3	162.8	7.48	22.8	0.12
LAOI-3.2a	Los Alamos			09/21/2022	9.6	181.4	191.0	5.11	17.22	0.82
LAOI-7	Los Alamos			09/23/2022	19.6	240.0	259.6	9.62	30.66	1.46
R-6i	Los Alamos			09/06/2022	10.0	602.0	612.0	16.64	62.25	4.35
R-9i S1	Los Alamos			09/20/2022	10.4	189.1	199.5	59.11	191.4	6.38
Regional										
R-8 S2	Los Alamos	2022	1	12/20/2021	6.7	821.3	828.0	54.4	193.2	4.83
R-6	Los Alamos	2022	4	09/06/2022	23.0	1205.0	1228.0	72.23	244.5	6.98
R-7 S3	Los Alamos			09/15/2022	41.9	895.5	937.4	55.26	201.15	4.47
R-8 S1	Los Alamos			09/07/2022	50.4	705.3	755.7	66.62	220.95	4.91
R-8 S2	Los Alamos			09/07/2022	6.7	821.3	828.0	54.35	171.85	4.91
R-64	Los Alamos			09/22/2022	20.5	1285.0	1305.5	43.02	149.94	7.14
R-66	Los Alamos			09/15/2022	20.3	819.4	839.7	54.95	180.95	5.17
R-9	Los Alamos			09/20/2022	65.5	683.0	748.5	53.11	165.24	6.12

[a] bgs = Below ground surface.

[b] gpm = Gallons per minute.

[c] Sample collection canceled because the well was dry.

[d] — = Not applicable.

Table 2.1-1
TA-21 Monitoring Group PME Observations and Deviations

Monitoring Location	Watershed	Sampling Event		Observation/Deviation	Comment
		Monitoring Year	Quarter		
R-8 S2	Los Alamos	2022	Q1	3.55 CVs* purged.	Purged extra to stabilize DO.
LADP-3	Los Alamos	2022	Q4	No field or analytical data will be available for this site.	Insufficient water to sample.
LAOI(a)-1.1	Los Alamos			4.65 CVs purged.	Water level begins in screened interval. Purged extra CVs for pH Stabilization.
LAOI-3.2	Los Alamos			3.05 CVs purged.	None
LAOI-3.2a	Los Alamos			3.37 CVs purged.	Water level drops into screen during purge.
LAOI-7	Los Alamos			3.19 CVs purged.	Water level drops into screen during drop pipe purge.
R-6i	Los Alamos			3.87 CVs purged.	None
TA-53i	Los Alamos			3.10 CVs purged.	None
R-9i S1	Los Alamos			3.24 CVs purged.	None
R-5 S2	Pueblo			3.09 CVs purged.	Flow rate reduced to minimize drawdown.
R-6	Los Alamos			3.38 CVs purged.	None
R-7 S3	Los Alamos			3.64 CVs purged.	Water level begins in screened interval.
R-8 S1	Los Alamos			3.32 CVs purged.	Water level purged into screen during drop pipe purge.
R-8 S2	Los Alamos			3.16 CVs purged.	None
R-64	Los Alamos			3.49 CVs purged.	None
R-66	Los Alamos			3.29 CVs purged.	None
R-9	Los Alamos			3.11 CVs purged.	Used historical water levels, per K. McIntyre telephone communication on 9/20/2022.

* CV = Casing volume.

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
SVOCs						
Azobenzene	2.89–3.18	SW-846:8270E	1.2	µg/L	EPA TAP SCRN LVL[a]	GELC[b]
Benzidine	3.75–4.14	SW-846:8270E	0.00109	µg/L	NMED A1 TAP SCRN LVL[c]	GELC
Benzo(a)anthracene	0.289–0.318	SW-846:8270E	0.12	µg/L	NMED A1 TAP SCRN LVL	GELC
Benzo(a)pyrene	0.289–0.318	SW-846:8270E	0.2	µg/L	NM GW STD[d]	GELC
Bis(2-chloroethyl)ether	2.89–3.18	SW-846:8270E	0.137	µg/L	NMED A1 TAP SCRN LVL	GELC
Dibenz(a,h)anthracene	0.289–0.318	SW-846:8270E	0.0343	µg/L	NMED A1 TAP SCRN LVL	GELC
Dichlorobenzidine[3,3'-]	2.89–3.18	SW-846:8270E	1.25	µg/L	NMED A1 TAP SCRN LVL	GELC
Dinitro-2-methylphenol[4,6-]	2.89–3.18	SW-846:8270E	1.52	µg/L	NMED A1 TAP SCRN LVL	GELC
Dinitrotoluene[2,4-]	2.89–3.18	SW-846:8270E	2.37	µg/L	NMED A1 TAP SCRN LVL	GELC
Dinitrotoluene[2,6-]	2.89–3.18	SW-846:8270E	0.485	µg/L	NMED A1 TAP SCRN LVL	GELC
Hexachlorobenzene	2.89–3.18	SW-846:8270E	1	µg/L	EPA MCL[e]	GELC
Hexachlorobutadiene	2.89–3.18	SW-846:8270E	1.39	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrobenzene	2.89–3.18	SW-846:8270E	1.4	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrosodiethylamine[N-]	2.89–3.18	SW-846:8270E	0.00167	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrosodimethylamine[N-]	2.89–3.18	SW-846:8270E	0.00491	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitroso-di-n-butylamine[N-]	2.89–3.18	SW-846:8270E	0.0273	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitroso-di-n-propylamine[N-]	2.89–3.18	SW-846:8270E	0.11	µg/L	EPA TAP SCRN LVL	GELC
Nitrosopyrrolidine[N-]	2.89–3.18	SW-846:8270E	0.37	µg/L	NMED A1 TAP SCRN LVL	GELC
Pentachlorophenol	2.89–3.18	SW-846:8270E	1	µg/L	NM GW STD	GELC
Tetrachlorobenzene[1,2,4,5]	2.89–3.18	SW-846:8270E	1.66	µg/L	NMED A1 TAP SCRN LVL	GELC

Table 4.2-1 (continued)

Analyte Name	MDL	Analytical Method	Screening Value	Unit	Screening-Value Type	Lab ID
VOCs						
Acrolein	1.67	SW-846:8260D	0.0415	µg/L	NMED A1 TAP SCRN LVL	GELC
Acrylonitrile	1.67	SW-846:8260D	0.523	µg/L	NMED A1 TAP SCRN LVL	GELC
Chloro-1,3-butadiene[2-]	0.333	SW-846:8260D	0.187	µg/L	NMED A1 TAP SCRN LVL	GELC
Dibromo-3-Chloropropane[1,2-]	0.333	SW-846:8260D	0.2	µg/L	EPA MCL	GELC
Dibromoethane[1,2-]	0.333	SW-846:8260D	0.05	µg/L	NM GW STD	GELC
Dioxane[1,4-]	16.7	SW-846:8260D	4.59	µg/L	NMED A1 TAP SCRN LVL	GELC
Trichloropropane[1,2,3-]	0.333	SW-846:8260D	0.00835	µg/L	NMED A1 TAP SCRN LVL	GELC

Notes: This table is applicable to samples reported in this PMR and includes historical data statistics 10 years before the earliest start date in the PMR. The table applies to the results with the lowest MDL.

[a] EPA TAP SCRN LVL = EPA regional screening levels for tap water (http://www.epa.gov/risk/risk-based-screening-table-generic-tables).

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

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

[d] NM GW STD = New Mexico Groundwater Standard 20 6.2.3103 New Mexico Administrative Code (NMAC) (NMWQCC groundwater standard).

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

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

Analyte Name	MDL	Analytical Method	Screening Value	Unit	Screening-Value Type	Lab ID
SVOCs						
Atrazine	2.89–3.18	SW-846:8270E	3	µg/L	NM GW STD[a]	GELC[b]
Pentachlorobenzene	2.89–3.18	SW-846:8270E	3.07	µg/L	NMED A1 TAP SCRN LVL[c]	GELC

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

[a] NM GW STD = New Mexico Groundwater Standard 20 6.2.3103 NMAC (NMWQCC groundwater standard).

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

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

Table 5.2-1
TA-21 Monitoring Group Groundwater Results Above Screening Values

Location	Date	Analyte	Field Prep Code	Result	Unit	Screening Value	Screening-Value Type
LAOI-7	09/23/2022	Nickel	F[a]	288	µg/L	200	NM GW STD[b]

[a] F = Filtered.

[b] NM GW STD = New Mexico Groundwater Standard 20 6.2.3103 NMAC (NMWQCC groundwater standard).

Appendix A

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

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Intermediate							
LAOI(a)-1.1	295.2	09/14/2022	WG[a]	Dissolved Oxygen	10.24[b]	mg/L	CALA-22-258547
LAOI(a)-1.1	295.2	08/19/2021	WG	Dissolved Oxygen	13.27	mg/L	CALA-21-232062
LAOI(a)-1.1	295.2	09/01/2020	WG	Dissolved Oxygen	8.38	mg/L	CALA-20-199157
LAOI(a)-1.1	295.2	09/10/2019	WG	Dissolved Oxygen	8.85	mg/L	CALA-19-185289
LAOI(a)-1.1	295.2	09/06/2018	WG	Dissolved Oxygen	9.00	mg/L	CALA-18-160738
LAOI(a)-1.1	295.2	09/14/2022	WG	Oxidation-Reduction Potential	190.9[b]	mV	CALA-22-258547
LAOI(a)-1.1	295.2	08/19/2021	WG	Oxidation-Reduction Potential	202.7	mV	CALA-21-232062
LAOI(a)-1.1	295.2	09/01/2020	WG	Oxidation-Reduction Potential	187.5	mV	CALA-20-199157
LAOI(a)-1.1	295.2	09/10/2019	WG	Oxidation-Reduction Potential	312.0	mV	CALA-19-185289
LAOI(a)-1.1	295.2	09/06/2018	WG	Oxidation-Reduction Potential	334.7	mV	CALA-18-160738
LAOI(a)-1.1	295.2	09/14/2022	WG	pH	6.81[b]	SU[c]	CALA-22-258547
LAOI(a)-1.1	295.2	08/19/2021	WG	pH	6.78	SU	CALA-21-232062
LAOI(a)-1.1	295.2	09/01/2020	WG	pH	6.34	SU	CALA-20-199157
LAOI(a)-1.1	295.2	09/10/2019	WG	pH	6.58	SU	CALA-19-185289
LAOI(a)-1.1	295.2	09/06/2018	WG	pH	6.74	SU	CALA-18-160738
LAOI(a)-1.1	295.2	09/14/2022	WG	Specific Conductance	98.8[b]	µS/cm	CALA-22-258547
LAOI(a)-1.1	295.2	08/19/2021	WG	Specific Conductance	97.5	µS/cm	CALA-21-232062
LAOI(a)-1.1	295.2	09/01/2020	WG	Specific Conductance	106.2	µS/cm	CALA-20-199157
LAOI(a)-1.1	295.2	09/10/2019	WG	Specific Conductance	99.1	µS/cm	CALA-19-185289
LAOI(a)-1.1	295.2	09/06/2018	WG	Specific Conductance	104.9	µS/cm	CALA-18-160738
LAOI(a)-1.1	295.2	09/14/2022	WG	Temperature	10.4[b]	deg C	CALA-22-258547
LAOI(a)-1.1	295.2	08/19/2021	WG	Temperature	10.4	deg C	CALA-21-232062
LAOI(a)-1.1	295.2	09/01/2020	WG	Temperature	10.7	deg C	CALA-20-199157
LAOI(a)-1.1	295.2	09/10/2019	WG	Temperature	10.1	deg C	CALA-19-185289
LAOI(a)-1.1	295.2	09/06/2018	WG	Temperature	10.3	deg C	CALA-18-160738
LAOI(a)-1.1	295.2	09/14/2022	WG	Turbidity	110.26[b]	NTU[d]	CALA-22-258547

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
LAOI(a)-1.1	295.2	08/19/2021	WG	Turbidity	84.2	NTU	CALA-21-232062
LAOI(a)-1.1	295.2	09/01/2020	WG	Turbidity	10.5	NTU	CALA-20-199157
LAOI(a)-1.1	295.2	09/10/2019	WG	Turbidity	40.1	NTU	CALA-19-185289
LAOI(a)-1.1	295.2	09/06/2018	WG	Turbidity	44.2	NTU	CALA-18-160738
LAOI-3.2	153.3	09/12/2022	WG	Dissolved Oxygen	8.44	mg/L	CALA-22-258551
LAOI-3.2	153.3	08/24/2021	WG	Dissolved Oxygen	10.51	mg/L	CALA-21-232064
LAOI-3.2	153.3	09/02/2020	WG	Dissolved Oxygen	9.52	mg/L	CALA-20-199160
LAOI-3.2	153.3	09/05/2019	WG	Dissolved Oxygen	9.38	mg/L	CALA-19-185291
LAOI-3.2	153.3	09/05/2018	WG	Dissolved Oxygen	8.91	mg/L	CALA-18-160742
LAOI-3.2	153.3	09/12/2022	WG	Flow	0.12	gal./min	CALA-22-258551
LAOI-3.2	153.3	08/24/2021	WG	Flow	0.11	gal./min	CALA-21-232064
LAOI-3.2	153.3	09/02/2020	WG	Flow	0.13	gal./min	CALA-20-199160
LAOI-3.2	153.3	09/05/2019	WG	Flow	0.12	gal./min	CALA-19-185291
LAOI-3.2	153.3	09/05/2018	WG	Flow	0.11	gal./min	CALA-18-160742
LAOI-3.2	153.3	09/12/2022	WG	Oxidation-Reduction Potential	258.4	mV	CALA-22-258551
LAOI-3.2	153.3	08/24/2021	WG	Oxidation-Reduction Potential	411.6	mV	CALA-21-232064
LAOI-3.2	153.3	09/02/2020	WG	Oxidation-Reduction Potential	284.4	mV	CALA-20-199160
LAOI-3.2	153.3	09/05/2019	WG	Oxidation-Reduction Potential	390.2	mV	CALA-19-185291
LAOI-3.2	153.3	09/05/2018	WG	Oxidation-Reduction Potential	393.4	mV	CALA-18-160742
LAOI-3.2	153.3	09/12/2022	WG	pH	6.43	SU	CALA-22-258551
LAOI-3.2	153.3	08/24/2021	WG	pH	6.38	SU	CALA-21-232064
LAOI-3.2	153.3	09/02/2020	WG	pH	6.35	SU	CALA-20-199160
LAOI-3.2	153.3	09/05/2019	WG	pH	6.38	SU	CALA-19-185291
LAOI-3.2	153.3	09/05/2018	WG	pH	6.42	SU	CALA-18-160742
LAOI-3.2	153.3	09/12/2022	WG	Specific Conductance	332.6	µS/cm	CALA-22-258551
LAOI-3.2	153.3	08/24/2021	WG	Specific Conductance	320.0	µS/cm	CALA-21-232064
LAOI-3.2	153.3	09/02/2020	WG	Specific Conductance	318.8	µS/cm	CALA-20-199160

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
LAOI-3.2	153.3	09/05/2019	WG	Specific Conductance	309.0	µS/cm	CALA-19-185291
LAOI-3.2	153.3	09/05/2018	WG	Specific Conductance	303.4	µS/cm	CALA-18-160742
LAOI-3.2	153.3	09/12/2022	WG	Temperature	12.4	deg C	CALA-22-258551
LAOI-3.2	153.3	08/24/2021	WG	Temperature	12.8	deg C	CALA-21-232064
LAOI-3.2	153.3	09/02/2020	WG	Temperature	12.2	deg C	CALA-20-199160
LAOI-3.2	153.3	09/05/2019	WG	Temperature	12.7	deg C	CALA-19-185291
LAOI-3.2	153.3	09/05/2018	WG	Temperature	16.2	deg C	CALA-18-160742
LAOI-3.2	153.3	09/12/2022	WG	Turbidity	0.42	NTU	CALA-22-258551
LAOI-3.2	153.3	08/24/2021	WG	Turbidity	0.40	NTU	CALA-21-232064
LAOI-3.2	153.3	09/02/2020	WG	Turbidity	0.62	NTU	CALA-20-199160
LAOI-3.2	153.3	09/05/2019	WG	Turbidity	0.32	NTU	CALA-19-185291
LAOI-3.2	153.3	09/05/2018	WG	Turbidity	0.37	NTU	CALA-18-160742
LAOI-3.2a	181.4	09/21/2022	WG	Dissolved Oxygen	8.51	mg/L	CALA-22-258555
LAOI-3.2a	181.4	08/12/2021	WG	Dissolved Oxygen	8.48	mg/L	CALA-21-232107
LAOI-3.2a	181.4	09/02/2020	WG	Dissolved Oxygen	8.49	mg/L	CALA-20-199164
LAOI-3.2a	181.4	09/11/2019	WG	Dissolved Oxygen	8.62	mg/L	CALA-19-185293
LAOI-3.2a	181.4	09/06/2018	WG	Dissolved Oxygen	8.94	mg/L	CALA-18-160749
LAOI-3.2a	181.4	09/21/2022	WG	Flow	0.82	gal./min	CALA-22-258555
LAOI-3.2a	181.4	08/12/2021	WG	Flow	0.72	gal./min	CALA-21-232107
LAOI-3.2a	181.4	09/02/2020	WG	Flow	0.71	gal./min	CALA-20-199164
LAOI-3.2a	181.4	09/11/2019	WG	Flow	0.66	gal./min	CALA-19-185293
LAOI-3.2a	181.4	09/06/2018	WG	Flow	0.95	gal./min	CALA-18-160749
LAOI-3.2a	181.4	09/21/2022	WG	Oxidation-Reduction Potential	95.8	mV	CALA-22-258555
LAOI-3.2a	181.4	08/12/2021	WG	Oxidation-Reduction Potential	168.9	mV	CALA-21-232107
LAOI-3.2a	181.4	09/02/2020	WG	Oxidation-Reduction Potential	213.1	mV	CALA-20-199164
LAOI-3.2a	181.4	09/11/2019	WG	Oxidation-Reduction Potential	243.8	mV	CALA-19-185293
LAOI-3.2a	181.4	09/06/2018	WG	Oxidation-Reduction Potential	333.1	mV	CALA-18-160749

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
LAOI-3.2a	181.4	09/21/2022	WG	pH	6.47	SU	CALA-22-258555
LAOI-3.2a	181.4	08/12/2021	WG	pH	6.53	SU	CALA-21-232107
LAOI-3.2a	181.4	09/02/2020	WG	pH	6.54	SU	CALA-20-199164
LAOI-3.2a	181.4	09/11/2019	WG	pH	6.31	SU	CALA-19-185293
LAOI-3.2a	181.4	09/06/2018	WG	pH	6.56	SU	CALA-18-160749
LAOI-3.2a	181.4	09/21/2022	WG	Specific Conductance	309.0	µS/cm	CALA-22-258555
LAOI-3.2a	181.4	08/12/2021	WG	Specific Conductance	302.2	µS/cm	CALA-21-232107
LAOI-3.2a	181.4	09/02/2020	WG	Specific Conductance	297.7	µS/cm	CALA-20-199164
LAOI-3.2a	181.4	09/11/2019	WG	Specific Conductance	286.1	µS/cm	CALA-19-185293
LAOI-3.2a	181.4	09/06/2018	WG	Specific Conductance	279.7	µS/cm	CALA-18-160749
LAOI-3.2a	181.4	09/21/2022	WG	Temperature	12.2	deg C	CALA-22-258555
LAOI-3.2a	181.4	08/12/2021	WG	Temperature	12.5	deg C	CALA-21-232107
LAOI-3.2a	181.4	09/02/2020	WG	Temperature	13.4	deg C	CALA-20-199164
LAOI-3.2a	181.4	09/11/2019	WG	Temperature	12.2	deg C	CALA-19-185293
LAOI-3.2a	181.4	09/06/2018	WG	Temperature	12.1	deg C	CALA-18-160749
LAOI-3.2a	181.4	09/21/2022	WG	Turbidity	3.06	NTU	CALA-22-258555
LAOI-3.2a	181.4	08/12/2021	WG	Turbidity	1.15	NTU	CALA-21-232107
LAOI-3.2a	181.4	09/02/2020	WG	Turbidity	2.21	NTU	CALA-20-199164
LAOI-3.2a	181.4	09/11/2019	WG	Turbidity	1.2	NTU	CALA-19-185293
LAOI-3.2a	181.4	09/06/2018	WG	Turbidity	0.83	NTU	CALA-18-160749
LAOI-7	240.0	09/23/2022	WG	Dissolved Oxygen	7.39	mg/L	CALA-22-258562
LAOI-7	240.0	08/11/2021	WG	Dissolved Oxygen	7.58	mg/L	CALA-21-232068
LAOI-7	240.0	08/26/2020	WG	Dissolved Oxygen	7.81	mg/L	CALA-20-199167
LAOI-7	240.0	09/17/2019	WG	Dissolved Oxygen	7.83	mg/L	CALA-19-185295
LAOI-7	240.0	09/17/2018	WG	Dissolved Oxygen	8.01	mg/L	CALA-18-160752
LAOI-7	240.0	09/23/2022	WG	Flow	1.46	gal./min	CALA-22-258562
LAOI-7	240.0	08/11/2021	WG	Flow	1.61	gal./min	CALA-21-232068

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
LAOI-7	240.0	08/26/2020	WG	Flow	1.62	gal./min	CALA-20-199167
LAOI-7	240.0	09/17/2019	WG	Flow	2.00[b]	gal./min	CALA-19-185295
LAOI-7	240.0	09/17/2018	WG	Flow	1.94	gal./min	CALA-18-160752
LAOI-7	240.0	09/23/2022	WG	Oxidation-Reduction Potential	31.7	mV	CALA-22-258562
LAOI-7	240.0	08/11/2021	WG	Oxidation-Reduction Potential	-18.0	mV	CALA-21-232068
LAOI-7	240.0	08/26/2020	WG	Oxidation-Reduction Potential	65.8	mV	CALA-20-199167
LAOI-7	240.0	09/17/2019	WG	Oxidation-Reduction Potential	69.8	mV	CALA-19-185295
LAOI-7	240.0	09/17/2018	WG	Oxidation-Reduction Potential	257.7	mV	CALA-18-160752
LAOI-7	240.0	09/23/2022	WG	pH	6.73	SU	CALA-22-258562
LAOI-7	240.0	08/11/2021	WG	pH	6.99	SU	CALA-21-232068
LAOI-7	240.0	08/26/2020	WG	pH	6.79	SU	CALA-20-199167
LAOI-7	240.0	09/17/2019	WG	pH	6.92	SU	CALA-19-185295
LAOI-7	240.0	09/17/2018	WG	pH	6.92	SU	CALA-18-160752
LAOI-7	240.0	09/23/2022	WG	Specific Conductance	231.0	µS/cm	CALA-22-258562
LAOI-7	240.0	08/11/2021	WG	Specific Conductance	220.8	µS/cm	CALA-21-232068
LAOI-7	240.0	08/26/2020	WG	Specific Conductance	208.5	µS/cm	CALA-20-199167
LAOI-7	240.0	09/17/2019	WG	Specific Conductance	213.7	µS/cm	CALA-19-185295
LAOI-7	240.0	09/17/2018	WG	Specific Conductance	212.5	µS/cm	CALA-18-160752
LAOI-7	240.0	09/23/2022	WG	Temperature	14.7	deg C	CALA-22-258562
LAOI-7	240.0	08/11/2021	WG	Temperature	15.1	deg C	CALA-21-232068
LAOI-7	240.0	08/26/2020	WG	Temperature	14.5	deg C	CALA-20-199167
LAOI-7	240.0	09/17/2019	WG	Temperature	14.3	deg C	CALA-19-185295
LAOI-7	240.0	09/17/2018	WG	Temperature	14.6	deg C	CALA-18-160752
LAOI-7	240.0	09/23/2022	WG	Turbidity	3.63	NTU	CALA-22-258562
LAOI-7	240.0	08/11/2021	WG	Turbidity	2.39	NTU	CALA-21-232068
LAOI-7	240.0	08/26/2020	WG	Turbidity	1.13	NTU	CALA-20-199167
LAOI-7	240.0	09/17/2019	WG	Turbidity	0.90	NTU	CALA-19-185295

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
LAOI-7	240.0	09/17/2018	WG	Turbidity	1.73	NTU	CALA-18-160752
R-5 S2	372.8	09/19/2022	WG	Dissolved Oxygen	7.48	mg/L	CAPU-22-258644
R-5 S2	372.8	08/10/2021	WG	Dissolved Oxygen	7.38	mg/L	CAPU-21-232127
R-5 S2	372.8	02/18/2021	WG	Dissolved Oxygen	7.59	mg/L	CAPU-21-218080
R-5 S2	372.8	12/09/2020	WG	Dissolved Oxygen	7.53	mg/L	CAPU-21-211114
R-5 S2	372.8	09/19/2022	WG	Flow	2.34	gal./min	CAPU-22-258644
R-5 S2	372.8	08/10/2021	WG	Flow	2.23	gal./min	CAPU-21-232127
R-5 S2	372.8	06/14/2021	WG	Flow	3.13	gal./min	CAPU-21-229557
R-5 S2	372.8	02/18/2021	WG	Flow	3.41	gal./min	CAPU-21-218080
R-5 S2	372.8	12/09/2020	WG	Flow	3	gal./min	CAPU-21-211114
R-5 S2	372.8	09/19/2022	WG	Oxidation-Reduction Potential	121.1	mV	CAPU-22-258644
R-5 S2	372.8	08/10/2021	WG	Oxidation-Reduction Potential	186.4	mV	CAPU-21-232127
R-5 S2	372.8	02/18/2021	WG	Oxidation-Reduction Potential	194.1	mV	CAPU-21-218080
R-5 S2	372.8	12/09/2020	WG	Oxidation-Reduction Potential	257.9	mV	CAPU-21-211114
R-5 S2	372.8	09/19/2022	WG	pH	7.79	SU	CAPU-22-258644
R-5 S2	372.8	08/10/2021	WG	pH	8.03	SU	CAPU-21-232127
R-5 S2	372.8	02/18/2021	WG	pH	8.04	SU	CAPU-21-218080
R-5 S2	372.8	12/09/2020	WG	pH	8.08	SU	CAPU-21-211114
R-5 S2	372.8	09/19/2022	WG	Specific Conductance	257.7	µS/cm	CAPU-22-258644
R-5 S2	372.8	08/10/2021	WG	Specific Conductance	256.4	µS/cm	CAPU-21-232127
R-5 S2	372.8	02/18/2021	WG	Specific Conductance	256.0	µS/cm	CAPU-21-218080
R-5 S2	372.8	12/09/2020	WG	Specific Conductance	258.4	µS/cm	CAPU-21-211114
R-5 S2	372.8	09/19/2022	WG	Temperature	18.6	deg C	CAPU-22-258644
R-5 S2	372.8	08/10/2021	WG	Temperature	18.8	deg C	CAPU-21-232127
R-5 S2	372.8	02/18/2021	WG	Temperature	17.1	deg C	CAPU-21-218080
R-5 S2	372.8	12/09/2020	WG	Temperature	16.3	deg C	CAPU-21-211114
R-5 S2	372.8	09/19/2022	WG	Turbidity	1.43	NTU	CAPU-22-258644

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-5 S2	372.8	08/10/2021	WG	Turbidity	0.36	NTU	CAPU-21-232127
R-5 S2	372.8	02/18/2021	WG	Turbidity	0.62	NTU	CAPU-21-218080
R-5 S2	372.8	12/09/2020	WG	Turbidity	0.51	NTU	CAPU-21-211114
R-6i	602.0	09/06/2022	WG	Dissolved Oxygen	7.39	mg/L	CALA-22-258566
R-6i	602.0	08/25/2021	WG	Dissolved Oxygen	7.54	mg/L	CALA-21-232070
R-6i	602.0	08/25/2020	WG	Dissolved Oxygen	7.39	mg/L	CALA-20-199170
R-6i	602.0	09/09/2019	WG	Dissolved Oxygen	7.45	mg/L	CALA-19-185297
R-6i	602.0	09/07/2018	WG	Dissolved Oxygen	7.43	mg/L	CALA-18-160755
R-6i	602.0	09/06/2022	WG	Flow	4.35	gal./min	CALA-22-258566
R-6i	602.0	08/25/2021	WG	Flow	4.17	gal./min	CALA-21-232070
R-6i	602.0	08/25/2020	WG	Flow	4.23	gal./min	CALA-20-199170
R-6i	602.0	09/09/2019	WG	Flow	4.29	gal./min	CALA-19-185297
R-6i	602.0	09/07/2018	WG	Flow	3.09	gal./min	CALA-18-160755
R-6i	602.0	09/06/2022	WG	Oxidation-Reduction Potential	101.4	mV	CALA-22-258566
R-6i	602.0	08/25/2021	WG	Oxidation-Reduction Potential	134.5	mV	CALA-21-232070
R-6i	602.0	08/25/2020	WG	Oxidation-Reduction Potential	93.0	mV	CALA-20-199170
R-6i	602.0	09/09/2019	WG	Oxidation-Reduction Potential	164.9	mV	CALA-19-185297
R-6i	602.0	09/07/2018	WG	Oxidation-Reduction Potential	222.9	mV	CALA-18-160755
R-6i	602.0	09/06/2022	WG	pH	7.40	SU	CALA-22-258566
R-6i	602.0	08/25/2021	WG	pH	7.58	SU	CALA-21-232070
R-6i	602.0	08/25/2020	WG	pH	7.27	SU	CALA-20-199170
R-6i	602.0	09/09/2019	WG	pH	7.34	SU	CALA-19-185297
R-6i	602.0	09/07/2018	WG	pH	7.34	SU	CALA-18-160755
R-6i	602.0	09/06/2022	WG	Specific Conductance	184.7	µS/cm	CALA-22-258566
R-6i	602.0	08/25/2021	WG	Specific Conductance	188.4	µS/cm	CALA-21-232070
R-6i	602.0	08/25/2020	WG	Specific Conductance	190.8	µS/cm	CALA-20-199170
R-6i	602.0	09/09/2019	WG	Specific Conductance	199.0	µS/cm	CALA-19-185297

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-6i	602.0	09/07/2018	WG	Specific Conductance	210.0	µS/cm	CALA-18-160755
R-6i	602.0	09/06/2022	WG	Temperature	18.2	deg C	CALA-22-258566
R-6i	602.0	08/25/2021	WG	Temperature	17.5	deg C	CALA-21-232070
R-6i	602.0	08/25/2020	WG	Temperature	17.8	deg C	CALA-20-199170
R-6i	602.0	09/09/2019	WG	Temperature	17.7	deg C	CALA-19-185297
R-6i	602.0	09/07/2018	WG	Temperature	17.3	deg C	CALA-18-160755
R-6i	602.0	09/06/2022	WG	Turbidity	2.38	NTU	CALA-22-258566
R-6i	602.0	08/25/2021	WG	Turbidity	2.73	NTU	CALA-21-232070
R-6i	602.0	08/25/2020	WG	Turbidity	0.11	NTU	CALA-20-199170
R-6i	602.0	09/09/2019	WG	Turbidity	0.64	NTU	CALA-19-185297
R-6i	602.0	09/07/2018	WG	Turbidity	0.41	NTU	CALA-18-160755
R-9i S1	189.1	09/20/2022	WG	Dissolved Oxygen	4.48	mg/L	CALA-22-258570
R-9i S1	189.1	08/24/2021	WG	Dissolved Oxygen	4.73	mg/L	CALA-21-232130
R-9i S1	189.1	06/24/2021	WG	Dissolved Oxygen	4.85	mg/L	CALA-21-229507
R-9i S1	189.1	02/22/2021	WG	Dissolved Oxygen	5.31	mg/L	CALA-21-218067
R-9i S1	189.1	06/26/2019	WG	Dissolved Oxygen	7.77	mg/L	CALA-19-181989
R-9i S1	189.1	09/20/2022	WG	Flow	6.38	gal./min	CALA-22-258570
R-9i S1	189.1	08/24/2021	WG	Flow	6.25	gal./min	CALA-21-232130
R-9i S1	189.1	06/24/2021	WG	Flow	6.25	gal./min	CALA-21-229507
R-9i S1	189.1	02/22/2021	WG	Flow	6.52	gal./min	CALA-21-218067
R-9i S1	189.1	06/26/2019	WG	Flow	14.69	gal./min	CALA-19-181989
R-9i S1	189.1	09/20/2022	WG	Oxidation-Reduction Potential	50.9	mV	CALA-22-258570
R-9i S1	189.1	08/24/2021	WG	Oxidation-Reduction Potential	116.3	mV	CALA-21-232130
R-9i S1	189.1	06/24/2021	WG	Oxidation-Reduction Potential	77.5	mV	CALA-21-229507
R-9i S1	189.1	02/22/2021	WG	Oxidation-Reduction Potential	90.8	mV	CALA-21-218067
R-9i S1	189.1	06/26/2019	WG	Oxidation-Reduction Potential	302.9	mV	CALA-19-181989
R-9i S1	189.1	09/20/2022	WG	pH	7.15	SU	CALA-22-258570

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-9i S1	189.1	08/24/2021	WG	pH	7.24	SU	CALA-21-232130
R-9i S1	189.1	06/24/2021	WG	pH	7.31	SU	CALA-21-229507
R-9i S1	189.1	02/22/2021	WG	pH	7.32	SU	CALA-21-218067
R-9i S1	189.1	06/26/2019	WG	pH	7.37	SU	CALA-19-181989
R-9i S1	189.1	09/20/2022	WG	Specific Conductance	308.1	µS/cm	CALA-22-258570
R-9i S1	189.1	08/24/2021	WG	Specific Conductance	323.4	µS/cm	CALA-21-232130
R-9i S1	189.1	06/24/2021	WG	Specific Conductance	326.4	µS/cm	CALA-21-229507
R-9i S1	189.1	02/22/2021	WG	Specific Conductance	324.2	µS/cm	CALA-21-218067
R-9i S1	189.1	06/26/2019	WG	Specific Conductance	364.4	µS/cm	CALA-19-181989
R-9i S1	189.1	09/20/2022	WG	Temperature	12.5	deg C	CALA-22-258570
R-9i S1	189.1	08/24/2021	WG	Temperature	12.5	deg C	CALA-21-232130
R-9i S1	189.1	06/24/2021	WG	Temperature	12.9	deg C	CALA-21-229507
R-9i S1	189.1	02/22/2021	WG	Temperature	11.7	deg C	CALA-21-218067
R-9i S1	189.1	06/26/2019	WG	Temperature	11.6	deg C	CALA-19-181989
R-9i S1	189.1	09/20/2022	WG	Turbidity	1.16	NTU	CALA-22-258570
R-9i S1	189.1	08/24/2021	WG	Turbidity	2.95	NTU	CALA-21-232130
R-9i S1	189.1	06/24/2021	WG	Turbidity	6.43	NTU	CALA-21-229507
R-9i S1	189.1	02/22/2021	WG	Turbidity	0.76	NTU	CALA-21-218067
R-9i S1	189.1	06/26/2019	WG	Turbidity	0.70	NTU	CALA-19-181989
TA-53i	600.0	09/13/2022	WG	Dissolved Oxygen	7.69	mg/L	CALA-22-258574
TA-53i	600.0	08/20/2021	WG	Dissolved Oxygen	7.69	mg/L	CALA-21-232072
TA-53i	600.0	09/11/2020	WG	Dissolved Oxygen	7.60	mg/L	CASA-20-199319
TA-53i	600.0	09/18/2019	WG	Dissolved Oxygen	7.73	mg/L	CALA-19-185302
TA-53i	600.0	09/21/2018	WG	Dissolved Oxygen	7.67	mg/L	CALA-18-160759
TA-53i	600.0	09/13/2022	WG	Flow	4.34	gal./min	CALA-22-258574
TA-53i	600.0	08/20/2021	WG	Flow	4.17	gal./min	CALA-21-232072
TA-53i	600.0	09/11/2020	WG	Flow	4.34	gal./min	CASA-20-199319

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
TA-53i	600.0	09/18/2019	WG	Flow	4.29	gal./min	CALA-19-185302
TA-53i	600.0	09/21/2018	WG	Flow	4.41	gal./min	CALA-18-160759
TA-53i	600.0	09/13/2022	WG	Oxidation-Reduction Potential	16.8	mV	CALA-22-258574
TA-53i	600.0	08/20/2021	WG	Oxidation-Reduction Potential	237.6	mV	CALA-21-232072
TA-53i	600.0	09/11/2020	WG	Oxidation-Reduction Potential	69.1	mV	CASA-20-199319
TA-53i	600.0	09/18/2019	WG	Oxidation-Reduction Potential	127.4	mV	CALA-19-185302
TA-53i	600.0	09/21/2018	WG	Oxidation-Reduction Potential	179.0	mV	CALA-18-160759
TA-53i	600.0	09/13/2022	WG	pH	6.85	SU	CALA-22-258574
TA-53i	600.0	08/20/2021	WG	pH	6.74	SU	CALA-21-232072
TA-53i	600.0	09/11/2020	WG	pH	6.88	SU	CASA-20-199319
TA-53i	600.0	09/18/2019	WG	pH	7.0	SU	CALA-19-185302
TA-53i	600.0	09/21/2018	WG	pH	6.83	SU	CALA-18-160759
TA-53i	600.0	09/13/2022	WG	Specific Conductance	452.2	µS/cm	CALA-22-258574
TA-53i	600.0	08/20/2021	WG	Specific Conductance	443.4	µS/cm	CALA-21-232072
TA-53i	600.0	09/11/2020	WG	Specific Conductance	446.7	µS/cm	CASA-20-199319
TA-53i	600.0	09/18/2019	WG	Specific Conductance	418.6	µS/cm	CALA-19-185302
TA-53i	600.0	09/21/2018	WG	Specific Conductance	403.3	µS/cm	CALA-18-160759
TA-53i	600.0	09/13/2022	WG	Temperature	15.5	deg C	CALA-22-258574
TA-53i	600.0	08/20/2021	WG	Temperature	15.3	deg C	CALA-21-232072
TA-53i	600.0	09/11/2020	WG	Temperature	14.7	deg C	CASA-20-199319
TA-53i	600.0	09/18/2019	WG	Temperature	15.2	deg C	CALA-19-185302
TA-53i	600.0	09/21/2018	WG	Temperature	15.6	deg C	CALA-18-160759
TA-53i	600.0	09/13/2022	WG	Turbidity	1.83	NTU	CALA-22-258574
TA-53i	600.0	08/20/2021	WG	Turbidity	1.29	NTU	CALA-21-232072
TA-53i	600.0	09/11/2020	WG	Turbidity	1.04	NTU	CASA-20-199319
TA-53i	600.0	09/18/2019	WG	Turbidity	1.03	NTU	CALA-19-185302
TA-53i	600.0	09/21/2018	WG	Turbidity	1.58	NTU	CALA-18-160759

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
Regional							
R-6	1205.0	09/06/2022	WG	Dissolved Oxygen	4.37	mg/L	CALA-22-258581
R-6	1205.0	08/26/2021	WG	Dissolved Oxygen	5.31	mg/L	CALA-21-232076
R-6	1205.0	08/25/2020	WG	Dissolved Oxygen	5.87	mg/L	CALA-20-199292
R-6	1205.0	09/09/2019	WG	Dissolved Oxygen	5.43	mg/L	CALA-19-185305
R-6	1205.0	09/07/2018	WG	Dissolved Oxygen	5.36	mg/L	CALA-18-160764
R-6	1205.0	09/06/2022	WG	Flow	6.98	gal./min	CALA-22-258581
R-6	1205.0	08/26/2021	WG	Flow	6.81	gal./min	CALA-21-232076
R-6	1205.0	08/25/2020	WG	Flow	6.98	gal./min	CALA-20-199292
R-6	1205.0	09/09/2019	WG	Flow	8.11	gal./min	CALA-19-185305
R-6	1205.0	09/07/2018	WG	Flow	8.82	gal./min	CALA-18-160764
R-6	1205.0	09/06/2022	WG	Oxidation-Reduction Potential	73.8	mV	CALA-22-258581
R-6	1205.0	08/26/2021	WG	Oxidation-Reduction Potential	97.9	mV	CALA-21-232076
R-6	1205.0	08/25/2020	WG	Oxidation-Reduction Potential	125.5	mV	CALA-20-199292
R-6	1205.0	09/09/2019	WG	Oxidation-Reduction Potential	199.7	mV	CALA-19-185305
R-6	1205.0	09/07/2018	WG	Oxidation-Reduction Potential	256.3	mV	CALA-18-160764
R-6	1205.0	09/06/2022	WG	pH	7.99	SU	CALA-22-258581
R-6	1205.0	08/26/2021	WG	pH	8.19	SU	CALA-21-232076
R-6	1205.0	08/25/2020	WG	pH	7.97	SU	CALA-20-199292
R-6	1205.0	09/09/2019	WG	pH	7.97	SU	CALA-19-185305
R-6	1205.0	09/07/2018	WG	pH	7.98	SU	CALA-18-160764
R-6	1205.0	09/06/2022	WG	Specific Conductance	143.1	µS/cm	CALA-22-258581
R-6	1205.0	08/26/2021	WG	Specific Conductance	138.1	µS/cm	CALA-21-232076
R-6	1205.0	08/25/2020	WG	Specific Conductance	134.9	µS/cm	CALA-20-199292
R-6	1205.0	09/09/2019	WG	Specific Conductance	136.0	µS/cm	CALA-19-185305
R-6	1205.0	09/07/2018	WG	Specific Conductance	138.3	µS/cm	CALA-18-160764
R-6	1205.0	09/06/2022	WG	Temperature	22.9	deg C	CALA-22-258581

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-6	1205.0	08/26/2021	WG	Temperature	22.9	deg C	CALA-21-232076
R-6	1205.0	08/25/2020	WG	Temperature	23.2	deg C	CALA-20-199292
R-6	1205.0	09/09/2019	WG	Temperature	22.7	deg C	CALA-19-185305
R-6	1205.0	09/07/2018	WG	Temperature	21.8	deg C	CALA-18-160764
R-6	1205.0	09/06/2022	WG	Turbidity	2.26	NTU	CALA-22-258581
R-6	1205.0	08/26/2021	WG	Turbidity	0.82	NTU	CALA-21-232076
R-6	1205.0	08/25/2020	WG	Turbidity	0.21	NTU	CALA-20-199292
R-6	1205.0	09/09/2019	WG	Turbidity	0.58	NTU	CALA-19-185305
R-6	1205.0	09/07/2018	WG	Turbidity	0.1	NTU	CALA-18-160764
R-64	1285.0	09/22/2022	WG	Dissolved Oxygen	6.62	mg/L	CALA-22-258626
R-64	1285.0	08/23/2021	WG	Dissolved Oxygen	6.41	mg/L	CALA-21-232084
R-64	1285.0	08/28/2020	WG	Dissolved Oxygen	6.53	mg/L	CALA-20-199306
R-64	1285.0	09/04/2019	WG	Dissolved Oxygen	6.34	mg/L	CALA-19-185308
R-64	1285.0	09/04/2018	WG	Dissolved Oxygen	6.11	mg/L	CALA-18-160767
R-64	1285.0	09/22/2022	WG	Flow	7.14	gal./min	CALA-22-258626
R-64	1285.0	08/23/2021	WG	Flow	7.14	gal./min	CALA-21-232084
R-64	1285.0	08/28/2020	WG	Flow	7.14	gal./min	CALA-20-199306
R-64	1285.0	09/04/2019	WG	Flow	7.14	gal./min	CALA-19-185308
R-64	1285.0	09/04/2018	WG	Flow	7.14	gal./min	CALA-18-160767
R-64	1285.0	09/22/2022	WG	Oxidation-Reduction Potential	163.0	mV	CALA-22-258626
R-64	1285.0	08/23/2021	WG	Oxidation-Reduction Potential	271.7	mV	CALA-21-232084
R-64	1285.0	08/28/2020	WG	Oxidation-Reduction Potential	305.2	mV	CALA-20-199306
R-64	1285.0	09/04/2019	WG	Oxidation-Reduction Potential	246.8	mV	CALA-19-185308
R-64	1285.0	09/04/2018	WG	Oxidation-Reduction Potential	275.1	mV	CALA-18-160767
R-64	1285.0	09/22/2022	WG	pH	8.28	SU	CALA-22-258626
R-64	1285.0	08/23/2021	WG	pH	8.02	SU	CALA-21-232084
R-64	1285.0	08/28/2020	WG	pH	8.05	SU	CALA-20-199306

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-64	1285.0	09/04/2019	WG	pH	8.37	SU	CALA-19-185308
R-64	1285.0	09/04/2018	WG	pH	8.31	SU	CALA-18-160767
R-64	1285.0	09/22/2022	WG	Specific Conductance	122.6	µS/cm	CALA-22-258626
R-64	1285.0	08/23/2021	WG	Specific Conductance	123.1	µS/cm	CALA-21-232084
R-64	1285.0	08/28/2020	WG	Specific Conductance	122.5	µS/cm	CALA-20-199306
R-64	1285.0	09/04/2019	WG	Specific Conductance	122.1	µS/cm	CALA-19-185308
R-64	1285.0	09/04/2018	WG	Specific Conductance	124.1	µS/cm	CALA-18-160767
R-64	1285.0	09/22/2022	WG	Temperature	18.9	deg C	CALA-22-258626
R-64	1285.0	08/23/2021	WG	Temperature	18.8	deg C	CALA-21-232084
R-64	1285.0	08/28/2020	WG	Temperature	19.1	deg C	CALA-20-199306
R-64	1285.0	09/04/2019	WG	Temperature	19.0	deg C	CALA-19-185308
R-64	1285.0	09/04/2018	WG	Temperature	19.2	deg C	CALA-18-160767
R-64	1285.0	09/22/2022	WG	Turbidity	0.89	NTU	CALA-22-258626
R-64	1285.0	08/23/2021	WG	Turbidity	7.91	NTU	CALA-21-232084
R-64	1285.0	08/28/2020	WG	Turbidity	0.98	NTU	CALA-20-199306
R-64	1285.0	09/04/2019	WG	Turbidity	1.10	NTU	CALA-19-185308
R-64	1285.0	09/04/2018	WG	Turbidity	1.59	NTU	CALA-18-160767
R-66	819.4	09/15/2022	WG	Dissolved Oxygen	6.70	mg/L	CALA-22-258633
R-66	819.4	08/19/2021	WG	Dissolved Oxygen	6.61	mg/L	CALA-21-232086
R-66	819.4	08/28/2020	WG	Dissolved Oxygen	6.95	mg/L	CALA-20-199309
R-66	819.4	09/12/2019	WG	Dissolved Oxygen	6.67	mg/L	CALA-19-185310
R-66	819.4	09/18/2018	WG	Dissolved Oxygen	6.69	mg/L	CALA-18-160770
R-66	819.4	09/15/2022	WG	Flow	5.17	gal./min	CALA-22-258633
R-66	819.4	08/19/2021	WG	Flow	4.92	gal./min	CALA-21-232086
R-66	819.4	08/28/2020	WG	Flow	5.00	gal./min	CALA-20-199309
R-66	819.4	09/12/2019	WG	Flow	4.84	gal./min	CALA-19-185310
R-66	819.4	09/18/2018	WG	Flow	5.00	gal./min	CALA-18-160770

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-66	819.4	09/15/2022	WG	Oxidation-Reduction Potential	149.9	mV	CALA-22-258633
R-66	819.4	08/19/2021	WG	Oxidation-Reduction Potential	273.9	mV	CALA-21-232086
R-66	819.4	08/28/2020	WG	Oxidation-Reduction Potential	172.6	mV	CALA-20-199309
R-66	819.4	09/12/2019	WG	Oxidation-Reduction Potential	229.0	mV	CALA-19-185310
R-66	819.4	09/18/2018	WG	Oxidation-Reduction Potential	304.6	mV	CALA-18-160770
R-66	819.4	09/15/2022	WG	pH	7.76	SU	CALA-22-258633
R-66	819.4	08/19/2021	WG	pH	7.85	SU	CALA-21-232086
R-66	819.4	08/28/2020	WG	pH	7.59	SU	CALA-20-199309
R-66	819.4	09/12/2019	WG	pH	7.68	SU	CALA-19-185310
R-66	819.4	09/18/2018	WG	pH	7.85	SU	CALA-18-160770
R-66	819.4	09/15/2022	WG	Specific Conductance	185.7	µS/cm	CALA-22-258633
R-66	819.4	08/19/2021	WG	Specific Conductance	186.2	µS/cm	CALA-21-232086
R-66	819.4	08/28/2020	WG	Specific Conductance	183.3	µS/cm	CALA-20-199309
R-66	819.4	09/12/2019	WG	Specific Conductance	186.4	µS/cm	CALA-19-185310
R-66	819.4	09/18/2018	WG	Specific Conductance	189.7	µS/cm	CALA-18-160770
R-66	819.4	09/15/2022	WG	Temperature	23.4	deg C	CALA-22-258633
R-66	819.4	08/19/2021	WG	Temperature	23.4	deg C	CALA-21-232086
R-66	819.4	08/28/2020	WG	Temperature	23.7	deg C	CALA-20-199309
R-66	819.4	09/12/2019	WG	Temperature	23.4	deg C	CALA-19-185310
R-66	819.4	09/18/2018	WG	Temperature	23.8	deg C	CALA-18-160770
R-66	819.4	09/15/2022	WG	Turbidity	2.78	NTU	CALA-22-258633
R-66	819.4	08/19/2021	WG	Turbidity	3.88	NTU	CALA-21-232086
R-66	819.4	08/28/2020	WG	Turbidity	2.38	NTU	CALA-20-199309
R-66	819.4	09/12/2019	WG	Turbidity	2.23	NTU	CALA-19-185310
R-66	819.4	09/18/2018	WG	Turbidity	4.1	NTU	CALA-18-160770
R-7 S3	895.5	09/15/2022	WG	Dissolved Oxygen	4.41	mg/L	CALA-22-258585
R-7 S3	895.5	08/27/2021	WG	Dissolved Oxygen	4.51	mg/L	CALA-21-232092

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-7 S3	895.5	06/10/2021	WG	Dissolved Oxygen	4.29	mg/L	CALA-21-229495
R-7 S3	895.5	12/14/2020	WG	Dissolved Oxygen	4.4	mg/L	CALA-21-211100
R-7 S3	895.5	06/23/2019	WG	Dissolved Oxygen	7.31	mg/L	CALA-19-181982
R-7 S3	895.5	09/15/2022	WG	Flow	4.47	gal./min	CALA-22-258585
R-7 S3	895.5	08/27/2021	WG	Flow	4.11	gal./min	CALA-21-232092
R-7 S3	895.5	06/10/2021	WG	Flow	4.35	gal./min	CALA-21-229495
R-7 S3	895.5	12/14/2020	WG	Flow	4.55	gal./min	CALA-21-211100
R-7 S3	895.5	06/23/2019	WG	Flow	7.31	gal./min	CALA-19-181982
R-7 S3	895.5	09/15/2022	WG	Oxidation-Reduction Potential	-60.1	mV	CALA-22-258585
R-7 S3	895.5	08/27/2021	WG	Oxidation-Reduction Potential	-145.2	mV	CALA-21-232092
R-7 S3	895.5	06/10/2021	WG	Oxidation-Reduction Potential	15.8	mV	CALA-21-229495
R-7 S3	895.5	12/14/2020	WG	Oxidation-Reduction Potential	-37.6	mV	CALA-21-211100
R-7 S3	895.5	06/23/2019	WG	Oxidation-Reduction Potential	290.4	mV	CALA-19-181982
R-7 S3	895.5	09/15/2022	WG	pH	8.26	SU	CALA-22-258585
R-7 S3	895.5	08/27/2021	WG	pH	8.05	SU	CALA-21-232092
R-7 S3	895.5	06/10/2021	WG	pH	7.89	SU	CALA-21-229495
R-7 S3	895.5	12/14/2020	WG	pH	7.61	SU	CALA-21-211100
R-7 S3	895.5	06/23/2019	WG	pH	7.71	SU	CALA-19-181982
R-7 S3	895.5	09/15/2022	WG	Specific Conductance	135.2	µS/cm	CALA-22-258585
R-7 S3	895.5	08/27/2021	WG	Specific Conductance	138.9	µS/cm	CALA-21-232092
R-7 S3	895.5	06/10/2021	WG	Specific Conductance	131.5	µS/cm	CALA-21-229495
R-7 S3	895.5	12/14/2020	WG	Specific Conductance	126.6	µS/cm	CALA-21-211100
R-7 S3	895.5	06/23/2019	WG	Specific Conductance	140.1	µS/cm	CALA-19-181982
R-7 S3	895.5	09/15/2022	WG	Temperature	18.0	deg C	CALA-22-258585
R-7 S3	895.5	08/27/2021	WG	Temperature	16.8	deg C	CALA-21-232092
R-7 S3	895.5	06/10/2021	WG	Temperature	17.6	deg C	CALA-21-229495
R-7 S3	895.5	12/14/2020	WG	Temperature	16.7	deg C	CALA-21-211100

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-7 S3	895.5	06/23/2019	WG	Temperature	16.56	deg C	CALA-19-181982
R-7 S3	895.5	09/15/2022	WG	Turbidity	1.44	NTU	CALA-22-258585
R-7 S3	895.5	08/27/2021	WG	Turbidity	0.71	NTU	CALA-21-232092
R-7 S3	895.5	06/10/2021	WG	Turbidity	1.53	NTU	CALA-21-229495
R-7 S3	895.5	12/14/2020	WG	Turbidity	3.20	NTU	CALA-21-211100
R-7 S3	895.5	06/23/2019	WG	Turbidity	1.74	NTU	CALA-19-181982
R-8 S1	705.31	09/07/2022	WG	Dissolved Oxygen	7.74	mg/L	CALA-22-258592
R-8 S1	705.31	08/16/2021	WG	Dissolved Oxygen	7.84	mg/L	CALA-21-232080
R-8 S1	705.31	06/23/2021	WG	Dissolved Oxygen	7.79	mg/L	CALA-21-229499
R-8 S1	705.31	02/23/2021	WG	Dissolved Oxygen	8.16	mg/L	CALA-21-218073
R-8 S1	705.31	12/15/2020	WG	Dissolved Oxygen	7.93	mg/L	CALA-21-211102
R-8 S1	705.31	09/07/2022	WG	Flow	4.91	gal./min	CALA-22-258592
R-8 S1	705.31	08/16/2021	WG	Flow	4.76	gal./min	CALA-21-232080
R-8 S1	705.31	06/23/2021	WG	Flow	5.00	gal./min	CALA-21-229499
R-8 S1	705.31	02/23/2021	WG	Flow	5.00	gal./min	CALA-21-218073
R-8 S1	705.31	12/15/2020	WG	Flow	5.08	gal./min	CALA-21-211102
R-8 S1	705.31	09/07/2022	WG	Oxidation-Reduction Potential	104.4	mV	CALA-22-258592
R-8 S1	705.31	08/16/2021	WG	Oxidation-Reduction Potential	70.6	mV	CALA-21-232080
R-8 S1	705.31	06/23/2021	WG	Oxidation-Reduction Potential	121.2	mV	CALA-21-229499
R-8 S1	705.31	02/23/2021	WG	Oxidation-Reduction Potential	133.2	mV	CALA-21-218073
R-8 S1	705.31	12/15/2020	WG	Oxidation-Reduction Potential	61.2	mV	CALA-21-211102
R-8 S1	705.31	09/07/2022	WG	pH	8.29	SU	CALA-22-258592
R-8 S1	705.31	08/16/2021	WG	pH	8.43	SU	CALA-21-232080
R-8 S1	705.31	06/23/2021	WG	pH	8.28	SU	CALA-21-229499
R-8 S1	705.31	02/23/2021	WG	pH	8.45	SU	CALA-21-218073
R-8 S1	705.31	12/15/2020	WG	pH	8.27	SU	CALA-21-211102
R-8 S1	705.31	09/07/2022	WG	Specific Conductance	161.0	µS/cm	CALA-22-258592

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-8 S1	705.31	08/16/2021	WG	Specific Conductance	160.1	µS/cm	CALA-21-232080
R-8 S1	705.31	06/23/2021	WG	Specific Conductance	160.6	µS/cm	CALA-21-229499
R-8 S1	705.31	02/23/2021	WG	Specific Conductance	155.5	µS/cm	CALA-21-218073
R-8 S1	705.31	12/15/2020	WG	Specific Conductance	155.6	µS/cm	CALA-21-211102
R-8 S1	705.31	09/07/2022	WG	Temperature	22.5	deg C	CALA-22-258592
R-8 S1	705.31	08/16/2021	WG	Temperature	22.8	deg C	CALA-21-232080
R-8 S1	705.31	06/23/2021	WG	Temperature	23.0	deg C	CALA-21-229499
R-8 S1	705.31	02/23/2021	WG	Temperature	22.4	deg C	CALA-21-218073
R-8 S1	705.31	12/15/2020	WG	Temperature	21.2	deg C	CALA-21-211102
R-8 S1	705.31	09/07/2022	WG	Turbidity	1.51	NTU	CALA-22-258592
R-8 S1	705.31	08/16/2021	WG	Turbidity	1.03	NTU	CALA-21-232080
R-8 S1	705.31	06/23/2021	WG	Turbidity	0.47	NTU	CALA-21-229499
R-8 S1	705.31	02/23/2021	WG	Turbidity	0.55	NTU	CALA-21-218073
R-8 S1	705.31	12/15/2020	WG	Turbidity	0.78	NTU	CALA-21-211102
R-8 S2	821.3	09/07/2022	WG	Dissolved Oxygen	6.01	mg/L	CALA-22-258596
R-8 S2	821.3	12/20/2021	WG	Dissolved Oxygen	8.83	mg/L	CALA-22-236930
R-8 S2	821.3	08/17/2021	WG	Dissolved Oxygen	6.60	mg/L	CALA-21-232082
R-8 S2	821.3	06/23/2021	WG	Dissolved Oxygen	6.20	mg/L	CALA-21-229504
R-8 S2	821.3	02/24/2021	WG	Dissolved Oxygen	6.91	mg/L	CALA-21-218076
R-8 S2	821.3	09/07/2022	WG	Flow	4.91	gal./min	CALA-22-258596
R-8 S2	821.3	12/20/2021	WG	Flow	4.83	gal./min	CALA-22-236930
R-8 S2	821.3	08/17/2021	WG	Flow	4.76	gal./min	CALA-21-232082
R-8 S2	821.3	06/23/2021	WG	Flow	4.84	gal./min	CALA-21-229504
R-8 S2	821.3	02/24/2021	WG	Flow	4.76	gal./min	CALA-21-218076
R-8 S2	821.3	09/07/2022	WG	Oxidation-Reduction Potential	111.3	mV	CALA-22-258596
R-8 S2	821.3	12/20/2021	WG	Oxidation-Reduction Potential	125.6	mV	CALA-22-236930
R-8 S2	821.3	08/17/2021	WG	Oxidation-Reduction Potential	113.1	mV	CALA-21-232082

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-8 S2	821.3	06/23/2021	WG	Oxidation-Reduction Potential	106.8	mV	CALA-21-229504
R-8 S2	821.3	02/24/2021	WG	Oxidation-Reduction Potential	142.5	mV	CALA-21-218076
R-8 S2	821.3	09/07/2022	WG	pH	8.59	SU	CALA-22-258596
R-8 S2	821.3	12/20/2021	WG	pH	8.54	SU	CALA-22-236930
R-8 S2	821.3	08/17/2021	WG	pH	8.68	SU	CALA-21-232082
R-8 S2	821.3	06/23/2021	WG	pH	8.60	SU	CALA-21-229504
R-8 S2	821.3	02/24/2021	WG	pH	8.69	SU	CALA-21-218076
R-8 S2	821.3	09/07/2022	WG	Specific Conductance	158.3	µS/cm	CALA-22-258596
R-8 S2	821.3	12/20/2021	WG	Specific Conductance	165.5	µS/cm	CALA-22-236930
R-8 S2	821.3	08/17/2021	WG	Specific Conductance	164.3	µS/cm	CALA-21-232082
R-8 S2	821.3	06/23/2021	WG	Specific Conductance	158.6	µS/cm	CALA-21-229504
R-8 S2	821.3	02/24/2021	WG	Specific Conductance	154.2	µS/cm	CALA-21-218076
R-8 S2	821.3	09/07/2022	WG	Temperature	23.6	deg C	CALA-22-258596
R-8 S2	821.3	12/20/2021	WG	Temperature	22.1	deg C	CALA-22-236930
R-8 S2	821.3	08/17/2021	WG	Temperature	23.0	deg C	CALA-21-232082
R-8 S2	821.3	06/23/2021	WG	Temperature	23.9	deg C	CALA-21-229504
R-8 S2	821.3	02/24/2021	WG	Temperature	22.2	deg C	CALA-21-218076
R-8 S2	821.3	09/07/2022	WG	Turbidity	0.89	NTU	CALA-22-258596
R-8 S2	821.3	12/20/2021	WG	Turbidity	0.89	NTU	CALA-22-236930
R-8 S2	821.3	08/17/2021	WG	Turbidity	2.35	NTU	CALA-21-232082
R-8 S2	821.3	06/23/2021	WG	Turbidity	0.90	NTU	CALA-21-229504
R-8 S2	821.3	02/24/2021	WG	Turbidity	0.38	NTU	CALA-21-218076
R-9	683.0	09/20/2022	WG	Dissolved Oxygen	5.96	mg/L	CALA-22-258640
R-9	683.0	08/18/2021	WG	Dissolved Oxygen	5.84	mg/L	CALA-21-232088
R-9	683.0	08/26/2020	WG	Dissolved Oxygen	5.74	mg/L	CALA-20-199313
R-9	683.0	09/16/2019	WG	Dissolved Oxygen	5.69	mg/L	CALA-19-185316
R-9	683.0	09/17/2018	WG	Dissolved Oxygen	6.14	mg/L	CALA-18-160776

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-9	683.0	09/20/2022	WG	Flow	6.12	gal./min	CALA-22-258640
R-9	683.0	08/18/2021	WG	Flow	7.0	gal./min	CALA-21-232088
R-9	683.0	08/26/2020	WG	Flow	7.89	gal./min	CALA-20-199313
R-9	683.0	09/16/2019	WG	Flow	9.09	gal./min	CALA-19-185316
R-9	683.0	09/17/2018	WG	Flow	9.38	gal./min	CALA-18-160776
R-9	683.0	09/20/2022	WG	Oxidation-Reduction Potential	91.1	mV	CALA-22-258640
R-9	683.0	08/18/2021	WG	Oxidation-Reduction Potential	262.5	mV	CALA-21-232088
R-9	683.0	08/26/2020	WG	Oxidation-Reduction Potential	135.5	mV	CALA-20-199313
R-9	683.0	09/16/2019	WG	Oxidation-Reduction Potential	211.3	mV	CALA-19-185316
R-9	683.0	09/17/2018	WG	Oxidation-Reduction Potential	263.9	mV	CALA-18-160776
R-9	683.0	09/20/2022	WG	pH	8.01	SU	CALA-22-258640
R-9	683.0	08/18/2021	WG	pH	8.14	SU	CALA-21-232088
R-9	683.0	08/26/2020	WG	pH	7.81	SU	CALA-20-199313
R-9	683.0	09/16/2019	WG	pH	7.93	SU	CALA-19-185316
R-9	683.0	09/17/2018	WG	pH	8.11	SU	CALA-18-160776
R-9	683.0	09/20/2022	WG	Specific Conductance	252.0	µS/cm	CALA-22-258640
R-9	683.0	08/18/2021	WG	Specific Conductance	252.8	µS/cm	CALA-21-232088
R-9	683.0	08/26/2020	WG	Specific Conductance	247.0	µS/cm	CALA-20-199313
R-9	683.0	09/16/2019	WG	Specific Conductance	250.6	µS/cm	CALA-19-185316
R-9	683.0	09/17/2018	WG	Specific Conductance	252.5	µS/cm	CALA-18-160776
R-9	683.0	09/20/2022	WG	Temperature	22.4	deg C	CALA-22-258640
R-9	683.0	08/18/2021	WG	Temperature	22.4	deg C	CALA-21-232088
R-9	683.0	08/26/2020	WG	Temperature	22.7	deg C	CALA-20-199313
R-9	683.0	09/16/2019	WG	Temperature	22.0	deg C	CALA-19-185316
R-9	683.0	09/17/2018	WG	Temperature	22.8	deg C	CALA-18-160776
R-9	683.0	09/20/2022	WG	Turbidity	0.63	NTU	CALA-22-258640
R-9	683.0	08/18/2021	WG	Turbidity	1.47	NTU	CALA-21-232088

Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Unit	Field Sample ID
R-9	683.0	08/26/2020	WG	Turbidity	0.36	NTU	CALA-20-199313
R-9	683.0	09/16/2019	WG	Turbidity	0.63	NTU	CALA-19-185316
R-9	683.0	09/17/2018	WG	Turbidity	1.2	NTU	CALA-18-160776

[a] WG = Groundwater.

[b] Field measurement results are recorded from the field summary report.

[c] SU = Standard unit.

[d] NTU = Nephelometric turbidity unit.

Appendix B

Groundwater Elevation Measurements
(on CD included with this document)

N3B RECORDS	
Media Information Page	
This is a placeholder page for a record that cannot be uploaded or would lose meaning or content if uploaded. The record can be requested through regdocs@em-la.doe.gov	
Document Date: 11/3/2023	**EM ID number:** 702945-01
Document Title: Appendix B Submittal of the 2023 Annual Periodic Monitoring Report for the Technical Area 21 Monitoring Group, Los Alamos Canyon Watershed, Revision 1, and the Response to the New Mexico Environment Department Review of the 2023 Annual Periodic Monitoring Report for the Technical Area 21 Monitoring Group, Los Alamos Canyon Watershed	☒ **No restrictions** ☐ **UCNI** ☐ **Copyrighted**
Media type and quantity: 1 CD 1 DVD	**Software and version required to read media:** Adobe Acrobat 9.0
Other document numbers or notes: Files are too numerous and large to upload.	

Appendix C

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

The following pages provide lists of (1) acronyms, abbreviations, and symbols; (2) analytical laboratory qualifier codes; (3) validation qualifiers; and (4) background value sources that may be used in Appendix C. Please note that these comprehensive lists include terms used in prior periodic monitoring reports. This periodic monitoring report may not include all of the terms in the following lists.

Acronyms and Abbreviations

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

Acronyms and Abbreviations (continued)

Acronym, Abbreviation, or Symbol	Description
Miscellaneous (continued)	
IDL	instrument detection limit
IS	internal standard
LAL	lower acceptance limit
LANL	Los Alamos National Laboratory
LCS	laboratory control sample
LLEE	low-level electrolytic extraction
LOC	level of chlorination
LSC	liquid scintillation counting
Lvl	level
MCL	maximum contaminant level (EPA)
MDA	minimum detectable activity
MDC	minimum detectable concentration
MDL	method detection limit
MNX	1-nitroso-3,5-dinitro-1,3,5-triazine
MS	matrix spike
MSD	matrix spike duplicate
N3B	Newport News Nuclear BWXT-Los Alamos, LLC
NM	New Mexico
NMED	New Mexico Environment Department
NMWQCC	New Mexico Water Quality Control Commission
OPR	ongoing precision recovery
PCB	polychlorinated biphenyl
PCDD	polychlorinated dibenzo-p-dioxin
PCDF	polychlorinated dibenzofuran
PQL	practical quantitation limit
Prelim	preliminary
QC	quality control
RDX	Royal Demolition Explosive
RF	response factor
RL	reporting limit
RPD	relative percent difference
RRF	relative response factor
RRT	relative retention time
RT	retention time
Scr	screening
SDG	sample delivery group
SMO	Sample Management Office
SSC	suspended sediment concentration

Acronyms and Abbreviations (continued)

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

Acronyms and Abbreviations (continued)

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

Acronyms and Abbreviations (continued)

Acronym, Abbreviation, or Symbol	Description
Lab 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 qualifiers means that several qualifiers apply.

Analytical Laboratory Qualifiers

Qualifier	Description
*	(Inorganic)—Duplicate analysis (relative percent difference [RPD]) not within control limits.
B	(Organic)—Analyte was present in the blank and the sample. (Inorganic) —Reported value was obtained from a reading that was less than the contract-required detection limit (CRDL) but greater than or equal to the instrument detection limit (IDL).
BPX	(B) (Organic)—This analyte was detected in the associated laboratory method blank and the sample. (B) (Inorganic)—The result for this analyte was greater than the IDL but less than the CRDL. (P) (Pesticides/PCBs)—The quantitative results for this analyte between the primary and secondary gas chromatography (GC) columns were greater than 25% difference. (P) (SW-846 EPA Method 8310, High-Pressure Liquid Chromatography, [HPLC] Results)—The quantitative results for this analyte between the primary and secondary HPLC columns or primary and secondary HPLC detectors were greater than 40% difference. (X) (Organic/Inorganic)—The result for this analyte should be regarded as not detected.
D	The result for this analyte was reported from a dilution.
E	(Organic) Analyte exceeded the concentration range. (Inorganic) The serial dilution was exceeded.
EJN	(E) (Organic)—The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (inductively coupled plasma atomic [optical] emission spectroscopy [ICPAES])—The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (graphite furnace atomic absorption [GFAA])—The result for this analyte failed one or more Control Laboratory Program (CLP) acceptance criteria as explained in the case narrative. (J) (Organic/General Inorganics)—The result for this analyte was greater than the method detection limit (MDL) but less than the practical quantitation limit (PQL). (N) (Organic)—The reported analyte is a tentatively identified compound (TIC). (N) (Inorganic)—The result for this analyte in the matrix spike (MS) sample was outside acceptance criteria.
EN*	(E) (Organic)—The result for this analyte exceeded the upper range of the instrument initial calibration curve. (E) (Inorganic) (ICPAES)—The result for this analyte in the serial dilution analysis was outside acceptance criteria. (E) (Inorganic) (GFAA)—The result for this analyte failed one or more CLP acceptance criteria as explained in the case narrative. (N) (Organic)—The reported analyte is a TIC. (N) (Inorganic)—The result for this analyte in the MS sample was outside acceptance criteria. * (Inorganic)—The result for this analyte in the laboratory replicate analysis was outside acceptance criteria.
H	(Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded.
H*	(H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded. * (Organic) and (Inorganic)—The result for this analyte in the laboratory control sample analysis was outside acceptance criteria.
HJ*	(H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded. (J) (Organic/General Inorganics)—The result for this analyte was greater than the MDL but less than the PQL. * (Inorganic)—The result for this analyte in the laboratory replicate analysis was outside acceptance criteria.
J	(Organic/Inorganic)—The associated numerical value is an estimated quantity.
N	(Inorganic)—Spiked sample recovery was not within control limits.
P	Percent difference between the results on the two columns during the analysis differed by more than 40%.
Q	One or more quality control criteria have not been met. Refer to the applicable narrative or data exception report.
U	The material was analyzed for but was not detected above the level of the associated numeric value.

Analytical Laboratory Qualifiers (continued)

Qualifier	Description
UH*	(U) (Organic/Inorganic)—The result for this analyte was not detected at the specified reporting limit. (H) (Organic/Inorganic)—The required extraction or analysis holding time for this result was exceeded. * (Inorganic)—The result for this analyte in the laboratory replicate analysis was outside acceptance criteria.
UI	(Rad) Gamma spectroscopy result should be regarded as an uncertain identification.
UN	EPA flag (Inorganic)—Compound was analyzed for but was not detected. Spiked sample recovery was not within control limits.
UUI	(Rad) Gamma spectroscopy result should be regarded as an uncertain identification, and the analytical lab assigned these gamma spectroscopy results as not detected.
X	Consult case narrative, data summary package, or project manager concerning the qualifier.

Validation Qualifiers

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

Background Values

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

REFERENCE

The following reference list includes documents cited in this appendix. Parenthetical information following each reference provides the author(s), publication date, and ERID, ESHID, or EMID. ERIDs were assigned by Los Alamos National Laboratory’s (the Laboratory’s) Associate Directorate for Environmental Management (IDs through 599999); ESHIDs were assigned by the Laboratory’s Associate Directorate for Environment, Safety, and Health (IDs 600000 through 699999); and EMIDs are assigned by N3B (IDs 700000 and above).

LANL (Los Alamos National Laboratory), October 27, 2016. “Groundwater Background Investigation Report, Revision 5,” Los Alamos National Laboratory document LA-UR-16-27907, Los Alamos, New Mexico. (LANL 2016, 601920)

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.3	535	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	2.54	14100	—	—	—	1.74	µg/L	Y	BJ	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.28	—	—	—	—	0.01	SU	Y	H	J	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	44.6	—	62	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00354	—	—	0.0128	0.0569	—	pCi/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0439	—	—	—	—	0.017	mg/L	Y	J	J	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.2	130	—	—	—	4.2	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.3	1720	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	10	—	—	—	2	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3	3	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3	1.2	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	8.38	2000	13.5	—	—	1	µg/L	Y	—	NQ	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.9	0.00109	—	—	—	3.9	µg/L	Y	U	UJ	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.3	0.2	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	6	75000	—	—	—	6	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3	2000	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3	59	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	Y	0.34	6	—	—	—	0.3	µg/L	Y	J	J	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.3	160	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	6.38	—	10.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.84	—	—	1.45	5.55	—	pCi/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.31	250	3.11	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3	1400	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.3	3.7	—	—	—	3.3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.41	733	—	—	—	0.41	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3	91	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.3	34.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.326	—	—	1.5	6.05	—	pCi/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3	7.9	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3	600	—	—	—	3	µg/L	N	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3	—	—	—	—	3	µg/L	N	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3	75	—	—	—	3	µg/L	N	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3	1.25	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3	45.3	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.3	14800	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.3	612	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3	354	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5	38.7	—	—	—	5	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3	2.37	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3	0.485	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.3	200	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3	7	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3	4.59	—	—	—	3	µg/L	N	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3	122	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.3	802	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.3	288	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.245	1.6	0.234	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.732	15	—	0.826	2.83	—	pCi/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	6.24	—	—	1.06	2.83	—	pCi/L	Y	—	NQ	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	23.5	—	37.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3	1.39	—	—	—	3	µg/L	N	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3	3.28	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.5	781	—	—	—	3.5	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	1.85	—	3.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3	930	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	—	—	—	3.7	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.09	1000	2.9	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.3	1.17	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.3	—	—	2.66	8.4	—	pCi/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	3.65	—	—	0.6	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.498	10	0.459	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3	190	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3	38	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3	1.4	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3	0.00167	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3	0.00491	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3	0.37	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3	3.07	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.415	13.8	0.27	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.3	170	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3	5	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0105	—	—	0.0064	0.0525	—	pCi/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00784	—	—	0.00942	0.0554	—	pCi/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	4.47	—	2.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-38.7	—	—	29.8	96.3	—	pCi/L	Y	U	UJ	N3B-2022-3194	CALA-22-258547	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3	250	—	—	—	3	µg/L	Y	U	UJ	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.3	117	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.509	5	—	0.224	0.649	—	pCi/L	Y	U	UJ	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	2.26	—	—	0.425	—	—	pCi/L	Y	J	J	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	1.75	5	—	0.361	0.697	—	pCi/L	Y	—	NQ	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	65	—	75	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	6.93	—	18.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.37	—	—	1.37	4.02	—	pCi/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	102	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	35.9	11800	59.6	—	—	1	µg/L	Y	—	NQ	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0723	8	—	0.0844	0.282	—	pCi/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.28	600	7.1	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	107	1000	—	—	—	2.38	mg/L	Y	—	J	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.105	—	—	—	—	0.02	mg/L	Y	—	NQ	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3	70	—	—	—	3	µg/L	N	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3	1170	—	—	—	3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	Generic:Low_ Level_Tritium	Tritium	H-3	N	1.258	20000	–	0.901	2.907	–	pCi/L	Y	UQ	UJ	N3B-2022-3196	CALA-22-258547	ARSL
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	N	0.348	30	0.992	—	—	0.067	µg/L	Y	—	U	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.235	27.2	0.477	0.0448	0.0794	—	pCi/L	Y	—	NQ	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00493	28.8	—	0.0178	0.0775	—	pCi/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.271	30	0.201	0.0406	0.0835	—	pCi/L	Y	—	NQ	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	N	1	63.1	9.29	—	—	1	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	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-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	N	3.3	10000	—	—	—	3.3	µg/L	Y	U	U	N3B-2022-3194	CALA-22-258548	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.3	535	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.9	—	—	—	—	0.01	SU	Y	H	J	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83.8	—	62	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.037	—	—	0.0207	0.0661	—	pCi/L	Y	U	UJ	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	—	0.017	mg/L	Y	U	U	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.2	130	—	—	—	4.2	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.3	1720	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	10	—	—	—	2	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3	3	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3	1.2	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	34.7	2000	13.5	—	—	1	µg/L	Y	—	NQ	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.9	0.00109	—	—	—	3.9	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	6	75000	—	—	—	6	µg/L	Y	U	UJ	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3	2000	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3	59	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	1.49	—	—	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.3	160	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	27.4	—	10.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.15	—	—	1.83	6.64	—	pCi/L	Y	U	UJ	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	34.7	250	3.11	—	—	0.335	mg/L	Y	—	NQ	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3	1400	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.41	733	—	—	—	0.41	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3	91	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.3	34.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.638	—	—	1.85	7.05	—	pCi/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3	7.9	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3	600	—	—	—	3	µg/L	N	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3	—	—	—	—	3	µg/L	N	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3	75	—	—	—	3	µg/L	N	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3	1.25	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3	45.3	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.3	14800	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.3	612	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3	354	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.47	885	—	—	—	0.3	µg/L	Y	BJ	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5	38.7	—	—	—	5	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3	2.37	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3	0.485	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3	7	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.481	4.59	—	—	—	0.1	µg/L	Y	—	NQ	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3	4.59	—	—	—	3	µg/L	N	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3	122	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.3	802	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.3	288	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	N	0.033	1.6	0.234	—	—	0.033	mg/L	Y	U	U	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	Y	3.95	15	—	1.2	2.65	—	pCi/L	Y	—	NQ	N3B-2022-3165	CALA-22-258551	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	9.97	—	—	1.29	2.8	—	pCi/L	Y	—	NQ	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	103	—	37.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3	1.39	—	—	—	3	µg/L	N	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3	3.28	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.5	781	—	—	—	3.5	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	8.44	—	3.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	1.44	5	—	—	—	0.5	µg/L	Y	BJ	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3	930	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	—	—	—	3.7	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.35	1000	2.9	—	—	0.2	µg/L	Y	J	J	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.3	1.17	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.39	—	—	2.94	10.1	—	pCi/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	3.65	—	—	0.6	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.17	10	0.459	—	—	0.085	mg/L	Y	—	NQ	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3	190	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3	38	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3	1.4	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3	0.00167	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3	0.00491	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3	0.37	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3	3.07	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	1.26	13.8	0.27	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.3	170	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3	5	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00775	—	—	0.0145	0.0778	—	pCi/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00387	—	—	0.015	0.0822	—	pCi/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	7.99	—	2.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	62.3	—	—	27.2	48.4	—	pCi/L	Y	UI	UJ	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3	250	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.3	117	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.494	5	—	0.169	0.344	—	pCi/L	Y	—	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	1.11	—	—	0.303	—	—	pCi/L	Y	J	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.62	5	—	0.251	0.74	—	pCi/L	Y	U	UJ	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	70.1	—	75	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	16.4	—	18.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.168	—	—	1.92	7.05	—	pCi/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	346	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	143	11800	59.6	—	—	1	µg/L	Y	—	NQ	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.322	8	—	0.151	0.482	—	pCi/L	Y	U	UJ	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	18	600	7.1	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	232	1000	—	—	—	2.38	mg/L	Y	—	J	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.638	—	—	—	—	0.33	mg/L	Y	J	J	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0671	—	—	—	—	0.02	mg/L	Y	—	U	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3	70	—	—	—	3	µg/L	N	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3	1170	—	—	—	3	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	671	20000	—	86.2	119	—	pCi/L	Y	—	NQ	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.95	30	0.992	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.671	27.2	0.477	0.0634	0.0713	—	pCi/L	Y	—	NQ	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0398	28.8	—	0.0173	0.0696	—	pCi/L	Y	U	UJ	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.669	30	0.201	0.0624	0.075	—	pCi/L	Y	—	NQ	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	N	1	63.1	9.29	—	—	1	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	8.16	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.301	535	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.301	—	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	3.11	14100	—	—	—	1.74	µg/L	Y	J	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.13	—	—	—	—	0.01	SU	Y	H	J	N3B-2022-3295	CALA-22-258556	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	88.4	—	62	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00871	—	—	0.00963	0.0466	—	pCi/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0262	—	—	—	—	0.017	mg/L	Y	J	U	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.22	130	—	—	—	4.22	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.301	1720	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	10	—	—	—	2	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3.01	3	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3.01	1.2	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	21.8	2000	13.5	—	—	1	µg/L	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.92	0.00109	—	—	—	3.92	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.301	0.12	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.301	0.2	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.301	0.343	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.301	—	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.301	3.43	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	6.03	75000	—	—	—	6.03	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3.01	2000	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3.01	59	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	3.01	0.137	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.301	6	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	20.5	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	1.64	—	—	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3.01	—	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.301	160	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	26.4	—	10.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.99	—	—	1.59	3.25	—	pCi/L	Y	U	UJ	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	28.1	250	3.11	—	—	0.335	mg/L	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	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-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	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-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3.01	1400	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.31	3.7	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.412	733	—	—	—	0.412	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3.01	91	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.01	—	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	7.68	50	—	—	—	3	µg/L	Y	J	J	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.301	34.3	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.305	—	—	0.774	2.76	—	pCi/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.301	0.0343	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3.01	7.9	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	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-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	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-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3.01	600	—	—	—	3.01	µg/L	N	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	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-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3.01	—	—	—	—	3.01	µg/L	N	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3.01	75	—	—	—	3.01	µg/L	N	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	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-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3.01	1.25	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	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-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	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-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	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-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	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-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	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-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	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-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3.01	45.3	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	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-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	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-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	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-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	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-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.301	14800	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.301	612	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3.01	354	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.301	885	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.01	1.52	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5.02	38.7	—	—	—	5.02	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3.01	2.37	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3.01	0.485	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.301	200	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3.01	7	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.257	4.59	—	—	—	0.1	µg/L	Y	J	J	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3.01	4.59	—	—	—	3.01	µg/L	N	U	UJ	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3.01	122	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.301	802	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.301	288	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.301	1.6	0.234	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.5	15	—	0.904	2.86	—	pCi/L	Y	U	UJ	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	9.07	—	—	1.19	2.95	—	pCi/L	Y	—	NQ	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	89.4	—	37.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3.01	1	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3.01	1.39	—	—	—	3.01	µg/L	N	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3.01	50	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3.01	3.28	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.301	0.343	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	Y	49.7	1000	—	—	—	30	µg/L	Y	J	J	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.51	781	—	—	—	3.51	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	Y	0.616	15	—	—	—	0.5	µg/L	Y	J	J	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	5.72	—	3.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	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-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	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-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.301	11.4	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.301	35.1	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3.01	930	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.72	—	—	—	—	3.72	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	23.1	1000	2.9	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.301	1.17	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.35	—	—	1.91	6.75	—	pCi/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	4.37	200	3.65	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.36	10	0.459	—	—	0.085	mg/L	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3.01	190	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3.01	—	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3.01	38	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3.01	1.4	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3.01	—	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3.01	—	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3.01	0.00167	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3.01	0.00491	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.01	0.0273	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.01	0.11	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3.01	0.37	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.01	9.81	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3.01	3.07	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3.01	1	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	1.34	13.8	0.27	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.301	170	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3.01	5	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00248	—	—	0.00894	0.0498	—	pCi/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0124	—	—	0.0124	0.0526	—	pCi/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	10.1	—	2.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	4.61	—	—	14.3	55.3	—	pCi/L	Y	U	UJ	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3.01	250	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.301	117	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3.01	20	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.432	5	—	0.159	0.398	—	pCi/L	Y	—	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	1.02	—	—	0.248	—	—	pCi/L	Y	—	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.589	5	—	0.19	0.487	—	pCi/L	Y	—	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	68.5	—	75	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	15.7	—	18.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.909	—	—	0.888	3.07	—	pCi/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	270	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	166	11800	59.6	—	—	1	µg/L	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.458	8	—	0.162	0.492	—	pCi/L	Y	U	UJ	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	16.4	600	7.1	—	—	0.133	mg/L	Y	—	J+	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3.01	20	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.01	1.66	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	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-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	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-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.01	240	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	217	1000	—	—	—	2.38	mg/L	Y	—	J	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	UJ	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.555	—	—	—	—	0.33	mg/L	Y	J	J	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	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-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	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-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	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-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3.01	70	—	—	—	3.01	µg/L	N	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	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-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	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-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	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-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3.01	1170	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	3.01	11.9	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	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-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	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-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	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-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	391	20000	—	67.9	162	—	pCi/L	Y	—	NQ	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.71	30	0.992	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.736	27.2	0.477	0.0766	0.0886	—	pCi/L	Y	—	NQ	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00363	28.8	—	0.0155	0.0869	—	pCi/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.569	30	0.201	0.0639	0.0932	—	pCi/L	Y	—	NQ	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	N	1	63.1	9.29	—	—	1	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	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-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	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-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	7.08	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-3295	CALA-22-258556	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.3	535	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	2.32	14100	—	—	—	1.74	µg/L	Y	J	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-3319	CALA-22-258563	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAOI-7	240.0	09/23/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	52.2	—	62	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00832	—	—	0.0156	0.0668	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.032	—	—	—	—	0.017	mg/L	Y	J	U	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.2	130	—	—	—	4.2	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.3	1720	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	10	—	—	—	2	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3	3	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3	1.2	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	25.3	2000	13.5	—	—	1	µg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.9	0.00109	—	—	—	3.9	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	15	75000	—	—	—	6	µg/L	Y	J	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3	2000	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3	59	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.203	—	—	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.3	160	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	15.8	—	10.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.26	—	—	0.879	3.26	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	27.6	250	3.11	—	—	0.335	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3	1400	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.41	733	—	—	—	0.41	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3	91	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	19.3	50	—	—	—	3	µg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.3	34.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	Y	4.06	50	—	—	—	1	µg/L	Y	J	J	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.607	—	—	0.907	3.27	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3	7.9	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3	600	—	—	—	3	µg/L	N	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3	—	—	—	—	3	µg/L	N	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3	75	—	—	—	3	µg/L	N	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3	1.25	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3	45.3	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.3	14800	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.3	612	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3	354	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5	38.7	—	—	—	5	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3	2.37	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3	0.485	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3	7	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3	4.59	—	—	—	3	µg/L	N	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3	122	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.3	802	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.3	288	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.36	1.6	0.234	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.0458	15	—	0.594	2.67	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	3.65	—	—	0.898	2.45	—	pCi/L	Y	—	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	67.6	—	37.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3	1.39	—	—	—	3	µg/L	N	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3	3.28	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	Y	116	1000	—	—	—	30	µg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.5	781	—	—	—	3.5	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	6.86	—	3.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	Y	67.5	200	—	—	—	2	µg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3	930	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	—	—	—	3.7	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.02	1000	2.9	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.3	1.17	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.229	—	—	1.81	6.63	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	288	200	3.65	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.242	10	0.459	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3	190	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3	38	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3	1.4	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3	0.00167	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3	0.00491	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3	0.37	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3	3.07	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.565	13.8	0.27	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.3	170	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3	5	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00216	—	—	0.00717	0.0434	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00432	—	—	0.00917	0.0459	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	5.14	—	2.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	1.84	—	—	14	53.1	—	pCi/L	Y	U	UJ	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3	250	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.3	117	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.352	5	—	0.142	0.394	—	pCi/L	Y	U	UJ	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.352	—	—	0.275	—	—	pCi/L	Y	U	UJ	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.588	5	—	0.236	0.964	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	56.9	—	75	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	10.8	—	18.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.41	—	—	0.841	3.63	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	234	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	88.8	11800	59.6	—	—	1	µg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.176	8	—	0.0982	0.319	—	pCi/L	Y	U	UJ	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.59	600	7.1	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1.59	12000	—	—	—	1	µg/L	Y	J	U	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	168	1000	—	—	—	2.38	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0576	—	—	—	—	0.033	mg/L	Y	J	J-	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.6	—	—	—	—	0.33	mg/L	Y	J	J	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0348	—	—	—	—	0.02	mg/L	Y	J	U	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3	70	—	—	—	3	µg/L	N	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3	1170	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	300	20000	—	61.2	160	—	pCi/L	Y	—	NQ	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.405	30	0.992	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.18	27.2	0.477	0.0254	0.052	—	pCi/L	Y	—	NQ	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0226	28.8	—	0.0108	0.0508	—	pCi/L	Y	U	UJ	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.152	30	0.201	0.0219	0.0547	—	pCi/L	Y	—	NQ	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	1.07	63.1	9.29	—	—	1	µg/L	Y	J	J	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	11.2	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-3319	CALA-22-258563	GELC
R-5 S2	372.8	09/19/2022	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	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.291	535	—	—	—	0.291	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.291	—	—	—	—	0.291	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	6.06	14100	—	—	—	1.74	µg/L	Y	B	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.42	—	—	—	—	0.01	SU	Y	H	J	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-5 S2	372.8	09/19/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	4.8	—	—	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	96.4	—	62	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.012	—	—	0.00637	0.0386	—	pCi/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0792	1.9	—	—	—	0.0792	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0792	1.9	—	—	—	0.0792	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0183	—	—	—	—	0.017	mg/L	Y	J	J	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.07	130	—	—	—	4.07	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.291	1720	—	—	—	0.291	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.78	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	2.91	3	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	2.91	1.2	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	183	2000	13.5	—	—	1	µg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.78	0.00109	—	—	—	3.78	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.291	0.12	—	—	—	0.291	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.291	0.2	—	—	—	0.291	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.291	0.343	—	—	—	0.291	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.291	—	—	—	—	0.291	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.291	3.43	—	—	—	0.291	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	5.82	75000	—	—	—	5.82	µg/L	Y	U	UJ	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	2.91	2000	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	2.91	59	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	2.91	0.137	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.291	6	—	—	—	0.291	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	23.6	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.12	—	—	—	—	0.067	mg/L	Y	J	J	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	2.91	—	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.291	160	—	—	—	0.291	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	29.2	—	10.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	4.86	—	—	3.49	8	—	pCi/L	Y	U	UJ	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.99	250	3.11	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	2.91	1400	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.2	3.7	—	—	—	3.2	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.397	733	—	—	—	0.397	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	2.91	91	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.91	—	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.91	50	—	—	—	3	µg/L	Y	J	J	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.291	34.3	—	—	—	0.291	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0788	—	—	2.56	9.71	—	pCi/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.291	0.0343	—	—	—	0.291	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	2.91	7.9	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	2.91	600	—	—	—	2.91	µg/L	N	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	2.91	—	—	—	—	2.91	µg/L	N	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	2.91	75	—	—	—	2.91	µg/L	N	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	2.91	1.25	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	2.91	45.3	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.291	14800	—	—	—	0.291	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.291	612	—	—	—	0.291	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	2.91	354	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.291	885	—	—	—	0.291	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.91	1.52	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0792	2	—	—	—	0.0792	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	4.85	38.7	—	—	—	4.85	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	2.91	2.37	—	—	—	2.91	µg/L	N	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0792	2.37	—	—	—	0.0792	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	2.91	0.485	—	—	—	2.91	µg/L	N	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0792	0.485	—	—	—	0.0792	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.291	200	—	—	—	0.291	µg/L	Y	U	UJ	N3B-2022-3254	CAPU-22-258644	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	2.91	7	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	2.91	4.59	—	—	—	2.91	µg/L	N	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	2.91	122	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.291	802	—	—	—	0.291	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.291	288	—	—	—	0.291	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	1.29	1.6	0.234	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.76	15	—	0.862	2.48	—	pCi/L	Y	U	UJ	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	-1.35	—	—	0.741	2.89	—	pCi/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	85.1	—	37.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	2.91	1	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	2.91	1.39	—	—	—	2.91	µg/L	N	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	2.91	50	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	2.91	3.28	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0792	1000	—	—	—	0.0792	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.291	0.343	—	—	—	0.291	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.39	781	—	—	—	3.39	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	2.94	—	3.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.64	5	—	—	—	0.5	µg/L	Y	BJ	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.291	11.4	—	—	—	0.291	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.291	35.1	—	—	—	0.291	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	2.91	930	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.59	—	—	—	—	3.59	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.27	1000	2.9	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.291	1.17	—	—	—	0.291	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.99	—	—	3.82	14.1	—	pCi/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	3.65	—	—	0.6	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.88	10	0.459	—	—	0.17	mg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	2.91	190	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	2.91	—	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	2.91	38	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.91	1.4	—	—	—	2.91	µg/L	N	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0792	1.4	—	—	—	0.0792	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	2.91	—	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	2.91	—	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	2.91	0.00167	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	2.91	0.00491	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.91	0.0273	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.91	0.11	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	2.91	0.37	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0812	3.14	—	—	—	0.0812	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0792	1.74	—	—	—	0.0792	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.91	9.81	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	2.91	3.07	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	2.91	1	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	1.85	13.8	0.27	—	—	0.05	µg/L	Y	H	J-	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.592	401	—	—	—	0.592	ng/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.718	60	—	—	—	0.718	ng/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.718	60	—	—	—	0.718	ng/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.099	170	—	—	—	0.099	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.291	170	—	—	—	0.291	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	2.91	5	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.002	—	—	0.00722	0.0402	—	pCi/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	—	—	0.00633	0.0425	—	pCi/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	4.01	—	2.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	40.4	—	—	42.2	104	—	pCi/L	Y	U	UJ	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	2.91	250	—	—	—	2.91	µg/L	Y	U	R	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.291	117	—	—	—	0.291	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	2.91	20	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.394	5	—	0.154	0.396	—	pCi/L	Y	U	UJ	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	Generic: Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.394	—	—	0.314	—	—	pCi/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0991	5	—	0.273	1.01	—	pCi/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0792	9.66	—	—	—	0.0792	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	51.2	—	75	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	15.1	—	18.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.74	—	—	2.72	8.99	—	pCi/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	243	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	308	11800	59.6	—	—	1	µg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.373	8	—	0.155	0.486	—	pCi/L	Y	U	UJ	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.03	600	7.1	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	2.91	20	—	—	—	2.91	µg/L	Y	U	R	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	LCMS/MS High Explo	SW-846:8330B	TATB	3058-38-6	N	0.297	—	—	—	—	0.297	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.91	1.66	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.91	240	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0792	39.4	—	—	—	0.0792	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	183	1000	—	—	—	2.38	mg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	UJ	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	N	0	—	—	—	—	—	ng/L	—	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0295	—	—	—	—	0.02	mg/L	Y	J	J	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	2.91	70	—	—	—	2.91	µg/L	N	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	2.91	1170	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	2.91	11.9	—	—	—	2.91	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0792	590	—	—	—	0.0792	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0792	9.8	—	—	—	0.0792	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	Generic:Low_ Level_Tritium	Tritium	H-3	N	6.966	20000	–	1.465	3.089	–	pCi/L	Y	–	U	N3B-2022-3360	CAPU-22-258644	ARSL
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	2.51	30	0.992	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.32	27.2	0.477	0.101	0.0673	—	pCi/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0368	28.8	—	0.0142	0.066	—	pCi/L	Y	U	UJ	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.8	30	0.201	0.0705	0.0708	—	pCi/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	7.58	63.1	9.29	—	—	1	µg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	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-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	7.37	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-3254	CAPU-22-258645	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.3	535	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.2	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0535	—	—	0.0173	0.0613	—	pCi/L	Y	U	UJ	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	—	0.017	mg/L	Y	U	U	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.2	130	—	—	—	4.2	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.3	1720	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.07	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3	3	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3	1.2	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	17.2	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.9	0.00109	—	—	—	3.9	µg/L	Y	U	UJ	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	6	75000	—	—	—	6	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3	2000	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3	59	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	24	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.3	160	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	13.4	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.18	—	—	0.936	3.41	—	pCi/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.84	250	2.7	—	—	0.067	mg/L	Y	—	J+	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3	1400	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.41	733	—	—	—	0.41	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3	91	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.88	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.3	34.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0682	—	—	0.942	3.67	—	pCi/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3	7.9	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3	600	—	—	—	3	µg/L	N	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3	—	—	—	—	3	µg/L	N	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3	75	—	—	—	3	µg/L	N	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3	1.25	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3	45.3	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.3	14800	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.3	612	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3	354	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5	38.7	—	—	—	5	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3	2.37	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3	0.485	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3	7	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3	4.59	—	—	—	3	µg/L	N	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.443	4.59	—	—	—	0.1	µg/L	Y	B	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3	122	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.3	802	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.3	288	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.47	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	-0.0501	15	—	0.657	2.81	—	pCi/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	3.87	—	—	0.95	2.62	—	pCi/L	Y	—	NQ	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	49.2	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3	1.39	—	—	—	3	µg/L	N	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3	3.28	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.5	781	—	—	—	3.5	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	3.83	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3	930	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	—	—	—	3.7	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.69	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.3	1.17	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.609	—	—	1.8	5.46	—	pCi/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.218	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3	190	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3	38	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3	1.4	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3	0.00167	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3	0.00491	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3	0.37	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3	3.07	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	4.47	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.3	170	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3	5	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00378	—	—	0.00535	0.038	—	pCi/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00189	—	—	0.00824	0.0401	—	pCi/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	1.14	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-2.01	—	—	13.1	49.3	—	pCi/L	Y	U	UJ	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3	250	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.3	117	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3	20	—	—	—	3	µg/L	Y	U	UJ	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.264	5	—	0.166	0.543	—	pCi/L	Y	U	UJ	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	RAD	Generic: Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.886	—	—	0.323	—	—	pCi/L	Y	U	UJ	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.622	5	—	0.278	0.838	—	pCi/L	Y	U	UJ	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	78.9	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	9.04	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.568	—	—	0.721	2.98	—	pCi/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	150	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	54.3	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.315	8	—	0.143	0.458	—	pCi/L	Y	U	UJ	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.13	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	141	1000	161	—	—	2.38	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-6	1205.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0663	—	—	—	—	0.02	mg/L	Y	—	U	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3	70	—	—	—	3	µg/L	N	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3	1170	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	RAD	Generic:Low_ Level_Tritium	Tritium	H-3	N	1.014	20000	–	0.847	2.762	–	pCi/L	Y	UQ	UJ	N3B-2022-3196	CALA-22-258581	ARSL
R-6	1205.0	08/26/2021	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.493	20000	—	0.959	3.202	—	pCi/L	Y	U*	UJ	N3B-2022-118	CALA-21-232076	ARSL
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.325	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.265	27.2	0.715	0.044	0.0955	—	pCi/L	Y	—	NQ	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00000000296	28.8	—	0.0168	0.0933	—	pCi/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.072	30	0.336	0.0287	0.101	—	pCi/L	Y	U	UJ	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	9	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258581	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	4.3	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-3095	CALA-22-258582	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.313	535	—	—	—	0.313	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.313	—	—	—	—	0.313	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	4.8	14100	—	—	—	1.74	µg/L	Y	J	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.27	—	—	—	—	0.01	SU	Y	H	J	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00551	—	—	0.011	0.0443	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	—	0.017	mg/L	Y	U	U	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.39	130	—	—	—	4.39	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.313	1720	—	—	—	0.313	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	10	—	—	—	2	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3.13	3	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3.13	1.2	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	13.5	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	4.07	0.00109	—	—	—	4.07	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.313	0.12	—	—	—	0.313	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.313	0.2	—	—	—	0.313	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.313	0.343	—	—	—	0.313	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.313	—	—	—	—	0.313	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.313	3.43	—	—	—	0.313	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	8.91	75000	—	—	—	6.26	µg/L	Y	J	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3.13	2000	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3.13	59	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	3.13	0.137	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.313	6	—	—	—	0.313	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC

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R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3.13	—	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.313	160	—	—	—	0.313	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	10.1	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.55	—	—	1.97	6.82	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.32	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	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-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	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-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3.13	1400	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.45	3.7	—	—	—	3.45	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.428	733	—	—	—	0.428	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3.13	91	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.13	—	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.313	34.3	—	—	—	0.313	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.385	—	—	1.36	5.34	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.313	0.0343	—	—	—	0.313	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3.13	7.9	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	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-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	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-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	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-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3.13	600	—	—	—	3.13	µg/L	N	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3.13	—	—	—	—	3.13	µg/L	N	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	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-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3.13	75	—	—	—	3.13	µg/L	N	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3.13	1.25	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	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-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	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-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	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-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	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-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	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-2022-3319	CALA-22-258626	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-64	1285.0	09/22/2022	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-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3.13	45.3	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	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-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	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-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	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-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	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-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.313	14800	—	—	—	0.313	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.313	612	—	—	—	0.313	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3.13	354	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.313	885	—	—	—	0.313	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.13	1.52	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5.22	38.7	—	—	—	5.22	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3.13	2.37	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3.13	0.485	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.313	200	—	—	—	0.313	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3.13	7	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3.13	4.59	—	—	—	3.13	µg/L	N	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	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-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3.13	122	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.313	802	—	—	—	0.313	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.313	288	—	—	—	0.313	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.533	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	-0.498	15	—	0.457	2.49	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	0.851	—	—	0.631	2.12	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	36.2	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3.13	1	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3.13	1.39	—	—	—	3.13	µg/L	N	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3.13	50	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3.13	3.28	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.313	0.343	—	—	—	0.313	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.65	781	—	—	—	3.65	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	2.68	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	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-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	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-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.313	11.4	—	—	—	0.313	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.313	35.1	—	—	—	0.313	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3.13	930	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.86	—	—	—	—	3.86	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.397	1000	2.5	—	—	0.2	µg/L	Y	J	J	N3B-2022-3319	CALA-22-258627	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.313	1.17	—	—	—	0.313	µg/L	N	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.79	—	—	2.71	9.11	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.132	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3.13	190	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3.13	—	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3.13	38	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3.13	1.4	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3.13	—	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3.13	—	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3.13	0.00167	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3.13	0.00491	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.13	0.0273	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.13	0.11	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3.13	0.37	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.13	9.81	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3.13	3.07	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3.13	1	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.2	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.313	170	—	—	—	0.313	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3.13	5	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0108	—	—	0.0132	0.108	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0108	—	—	0.017	0.114	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	1.1	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-4.47	—	—	23.6	85.5	—	pCi/L	Y	U	UJ	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3.13	250	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.313	117	—	—	—	0.313	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3.13	20	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.186	5	—	0.136	0.459	—	pCi/L	Y	U	UJ	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	Generic: Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.243	—	—	0.244	—	—	pCi/L	Y	U	UJ	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0563	5	—	0.202	0.735	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	64.3	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	10.5	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.396	—	—	1.42	5.88	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	126	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	51.1	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	0.632	8	—	0.17	0.491	—	pCi/L	Y	—	NQ	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.44	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3.13	20	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.13	1.66	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	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-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	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-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.13	240	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1.69	12000	—	—	—	1	µg/L	Y	J	U	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	113	1000	161	—	—	2.38	mg/L	Y	—	J	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	UJ	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0387	—	—	—	—	0.02	mg/L	Y	J	U	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	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-2022-3319	CALA-22-258626	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-64	1285.0	09/22/2022	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-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	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-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3.13	70	—	—	—	3.13	µg/L	N	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	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-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	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-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3.13	1170	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	3.13	11.9	—	—	—	3.13	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	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-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	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-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	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-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	Generic:Low_ Level_Tritium	Tritium	H-3	N	0.945	20000	–	0.862	2.823	–	pCi/L	Y	U	UJ	N3B-2022-3360	CALA-22-258626	ARSL
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.576	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.401	27.2	0.715	0.0481	0.0702	—	pCi/L	Y	—	NQ	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	28.8	—	0.0123	0.0686	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.226	30	0.336	0.0319	0.0739	—	pCi/L	Y	—	NQ	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	4.24	63.1	11.4	—	—	1	µg/L	Y	J	J	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	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-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	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-2022-3319	CALA-22-258626	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	3.71	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-3319	CALA-22-258627	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.318	535	—	—	—	0.318	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.318	—	—	—	—	0.318	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	2.08	14100	—	—	—	1.74	µg/L	Y	BJ	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	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-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	87	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00452	—	—	0.00783	0.0363	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0184	—	—	—	—	0.017	mg/L	Y	J	U	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.46	130	—	—	—	4.46	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.318	1720	—	—	—	0.318	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.76	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3.18	3	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3.18	1.2	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	27.5	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	4.14	0.00109	—	—	—	4.14	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.318	0.12	—	—	—	0.318	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.318	0.2	—	—	—	0.318	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.318	0.343	—	—	—	0.318	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.318	—	—	—	—	0.318	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.318	3.43	—	—	—	0.318	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	6.37	75000	—	—	—	6.37	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3.18	2000	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3.18	59	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	3.18	0.137	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.318	6	—	—	—	0.318	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	32.9	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3.18	—	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.318	160	—	—	—	0.318	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	16.3	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.144	—	—	1.37	4.93	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.38	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	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-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	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-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3.18	1400	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.5	3.7	—	—	—	3.5	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.435	733	—	—	—	0.435	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3.18	91	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.18	—	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.75	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.318	34.3	—	—	—	0.318	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	3.91	—	—	1.48	6.33	—	pCi/L	Y	U	UJ	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	Y	5.27	1000	—	—	—	3	µg/L	Y	J	J	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.318	0.0343	—	—	—	0.318	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3.18	7.9	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	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-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	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-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	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-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3.18	600	—	—	—	3.18	µg/L	N	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3.18	—	—	—	—	3.18	µg/L	N	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	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-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3.18	75	—	—	—	3.18	µg/L	N	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3.18	1.25	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	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-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	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-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	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-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	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-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	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-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	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-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3.18	45.3	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	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-2022-3222	CALA-22-258633	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-66	819.4	09/15/2022	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-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	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-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	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-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.318	14800	—	—	—	0.318	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.318	612	—	—	—	0.318	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3.18	354	—	—	—	3.18	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.318	885	—	—	—	0.318	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.18	1.52	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5.31	38.7	—	—	—	5.31	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3.18	2.37	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3.18	0.485	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.318	200	—	—	—	0.318	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3.18	7	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3.18	4.59	—	—	—	3.18	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	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	UJ	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3.18	122	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.318	802	—	—	—	0.318	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.318	288	—	—	—	0.318	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.401	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.718	15	—	0.739	2.76	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	4.04	—	—	0.966	2.65	—	pCi/L	Y	—	NQ	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	60.5	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3.18	1	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3.18	1.39	—	—	—	3.18	µg/L	N	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3.18	50	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3.18	3.28	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.318	0.343	—	—	—	0.318	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.72	781	—	—	—	3.72	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	4.8	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	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-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	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-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.318	11.4	—	—	—	0.318	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.318	35.1	—	—	—	0.318	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3.18	930	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.93	—	—	—	—	3.93	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.53	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.318	1.17	—	—	—	0.318	µg/L	N	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.29	—	—	2.34	8.66	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.664	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3.18	190	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3.18	—	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3.18	38	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3.18	1.4	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3.18	—	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3.18	—	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3.18	0.00167	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3.18	0.00491	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.18	0.0273	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.18	0.11	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3.18	0.37	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.18	9.81	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3.18	3.07	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3.18	1	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.474	13.8	0.414	—	—	0.05	µg/L	Y	—	J-	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.318	170	—	—	—	0.318	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3.18	5	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	—	—	0.00973	0.0488	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00486	—	—	0.0109	0.0516	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	2.12	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	4.16	—	—	28.1	55.3	—	pCi/L	Y	U	UJ	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3.18	250	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.318	117	—	—	—	0.318	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3.18	20	—	—	—	3.18	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0656	5	—	0.104	0.404	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	Generic: Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.299	—	—	0.227	—	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.233	5	—	0.201	0.68	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	78.3	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	12.3	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	3.63	—	—	1.75	6.19	—	pCi/L	Y	U	UJ	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	165	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	72	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.28	8	—	0.129	0.408	—	pCi/L	Y	U	UJ	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.42	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3.18	20	—	—	—	3.18	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.18	1.66	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	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-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	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-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.18	240	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	159	1000	161	—	—	2.38	mg/L	Y	—	J	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0838	—	—	—	—	0.033	mg/L	Y	J	J-	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0993	—	—	—	—	0.02	mg/L	Y	—	U	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	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-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	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-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	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-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3.18	70	—	—	—	3.18	µg/L	N	U	U	N3B-2022-3222	CALA-22-258633	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-66	819.4	09/15/2022	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-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	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-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3.18	1170	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	3.18	11.9	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	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-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	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-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	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-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	Generic:Low_ Level_Tritium	Tritium	H-3	N	0.649	20000	–	0.861	2.859	–	pCi/L	Y	U	UJ	N3B-2022-3360	CALA-22-258633	ARSL
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.522	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.44	27.2	0.715	0.0485	0.0641	—	pCi/L	Y	—	NQ	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00438	28.8	—	0.0117	0.0629	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.239	30	0.336	0.0328	0.0674	—	pCi/L	Y	—	NQ	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	12.1	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	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-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	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-2022-3222	CALA-22-258633	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	5.48	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-3222	CALA-22-258634	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.299	535	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.299	—	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.75	—	—	—	—	0.01	SU	Y	H	J	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.8	—	62	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.061	—	—	0.0197	0.0612	—	pCi/L	Y	U	UJ	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	—	0.017	mg/L	Y	U	U	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.19	130	—	—	—	4.19	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.299	1720	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	10	—	—	—	2	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	2.99	3	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	2.99	1.2	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	16.1	2000	13.5	—	—	1	µg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.89	0.00109	—	—	—	3.89	µg/L	Y	U	UJ	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	5.98	75000	—	—	—	5.98	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	2.99	2000	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	20.7	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	2.99	—	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.299	160	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	15.8	—	10.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	7.99	—	—	2.86	4.09	—	pCi/L	Y	UI	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	10.4	250	3.11	—	—	0.134	mg/L	Y	—	J+	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.409	733	—	—	—	0.409	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	2.99	91	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.299	34.3	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.02	—	—	1.25	5.02	—	pCi/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	2.99	7.9	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	2.99	—	—	—	—	2.99	µg/L	N	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	2.99	45.3	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.299	14800	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.299	612	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	4.98	38.7	—	—	—	4.98	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	2.99	7	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	2.99	4.59	—	—	—	2.99	µg/L	N	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	2.88	4.59	—	—	—	0.1	µg/L	Y	B	J+	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	2.99	122	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.299	802	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.299	288	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	1.2	1.6	0.234	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.85	15	—	0.904	2.78	—	pCi/L	Y	U	UJ	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	0.439	—	—	0.817	2.89	—	pCi/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	51.5	—	37.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	2.99	1	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	2.99	1.39	—	—	—	2.99	µg/L	N	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	2.99	50	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	2.99	3.28	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.49	781	—	—	—	3.49	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	2.94	—	3.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	Y	4.09	200	—	—	—	2	µg/L	Y	J	J	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	1.61	5	—	—	—	0.5	µg/L	Y	J	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	2.99	930	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.69	—	—	—	—	3.69	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.18	1000	2.9	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.299	1.17	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.48	—	—	2.27	8.26	—	pCi/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	3.65	—	—	0.6	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.99	10	0.459	—	—	0.085	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	2.99	190	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	2.99	—	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	2.99	38	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.99	1.4	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	2.99	—	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	2.99	—	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	2.99	0.37	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	2.99	3.07	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	2.99	1	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	2.81	13.8	0.27	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.299	170	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	2.99	5	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00561	—	—	0.0105	0.0563	—	pCi/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0028	—	—	0.00742	0.0595	—	pCi/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	0.461	—	2.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-23.7	—	—	21.2	65.1	—	pCi/L	Y	U	UJ	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	2.99	250	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.299	117	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	2.99	20	—	—	—	2.99	µg/L	Y	U	UJ	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.763	5	—	0.183	0.265	—	pCi/L	Y	—	NQ	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.07	—	—	0.315	—	—	pCi/L	Y	J	J	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.311	5	—	0.256	0.862	—	pCi/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	70.7	—	75	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	15	—	18.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.67	—	—	1.22	4.39	—	pCi/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	195	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	73.3	11800	59.6	—	—	1	µg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.238	8	—	0.115	0.369	—	pCi/L	Y	U	UJ	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.31	600	7.1	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	2.99	20	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	162	1000	—	—	—	2.38	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0992	—	—	—	—	0.033	mg/L	Y	J	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.117	—	—	—	—	0.02	mg/L	Y	—	U	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	804	20000	—	113	188	—	pCi/L	Y	—	NQ	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.253	30	0.992	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.146	27.2	0.477	0.0309	0.0699	—	pCi/L	Y	—	NQ	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0173	28.8	—	0.0123	0.0683	—	pCi/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0807	30	0.201	0.0212	0.0735	—	pCi/L	Y	—	NQ	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	2.37	63.1	9.29	—	—	1	µg/L	Y	J	J	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	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-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	9.14	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-3095	CALA-22-258567	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.293	535	—	—	—	0.293	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.296	535	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.305	535	—	—	—	0.305	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.293	—	—	—	—	0.293	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.296	—	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.305	—	—	—	—	0.305	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	3.36	14100	—	—	—	1.74	µg/L	Y	BJ	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Acetone	67-64-1	N	1.75	14100	—	—	—	1.74	µg/L	Y	BJ	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.25	—	—	—	—	0.01	SU	Y	H	J	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.37	—	—	—	—	0.01	SU	Y	H	J	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00297	—	—	0.00665	0.0478	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00722	—	—	0.00884	0.0579	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0529	—	—	—	—	0.017	mg/L	Y	—	U	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0371	—	—	—	—	0.017	mg/L	Y	J	U	N3B-2022-3222	CALA-22-258590	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.1	130	—	—	—	4.1	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.15	130	—	—	—	4.15	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.27	130	—	—	—	4.27	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.293	1720	—	—	—	0.293	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.296	1720	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.305	1720	—	—	—	0.305	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1016	12674-11-2	N	0.0335	0.5	—	—	—	0.0335	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	PESTPCB	SW-846:8082A	Aroclor-1016	12674-11-2	N	0.0331	0.5	—	—	—	0.0331	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1221	11104-28-2	N	0.0335	0.5	—	—	—	0.0335	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	PESTPCB	SW-846:8082A	Aroclor-1221	11104-28-2	N	0.0331	0.5	—	—	—	0.0331	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1232	11141-16-5	N	0.0335	0.5	—	—	—	0.0335	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	PESTPCB	SW-846:8082A	Aroclor-1232	11141-16-5	N	0.0331	0.5	—	—	—	0.0331	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1242	53469-21-9	N	0.0335	0.5	—	—	—	0.0335	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	PESTPCB	SW-846:8082A	Aroclor-1242	53469-21-9	N	0.0331	0.5	—	—	—	0.0331	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1248	12672-29-6	N	0.0335	0.5	—	—	—	0.0335	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	PESTPCB	SW-846:8082A	Aroclor-1248	12672-29-6	N	0.0331	0.5	—	—	—	0.0331	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1254	11097-69-1	N	0.0335	0.5	—	—	—	0.0335	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	PESTPCB	SW-846:8082A	Aroclor-1254	11097-69-1	N	0.0331	0.5	—	—	—	0.0331	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1260	11096-82-5	N	0.0335	0.5	—	—	—	0.0335	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	PESTPCB	SW-846:8082A	Aroclor-1260	11096-82-5	N	0.0331	0.5	—	—	—	0.0331	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1262	37324-23-5	N	0.0335	0.5	—	—	—	0.0335	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	PESTPCB	SW-846:8082A	Aroclor-1262	37324-23-5	N	0.0331	0.5	—	—	—	0.0331	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	N	2	10	—	—	—	2	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	N	2	10	—	—	—	2	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	2.93	3	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	2.96	3	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3.05	3	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	2.93	1.2	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	2.96	1.2	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3.05	1.2	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	25.1	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6010D	Barium	Ba	Y	25	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.8	0.00109	—	—	—	3.8	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.85	0.00109	—	—	—	3.85	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.96	0.00109	—	—	—	3.96	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.293	0.12	—	—	—	0.293	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.305	0.12	—	—	—	0.305	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.293	0.2	—	—	—	0.293	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.305	0.2	—	—	—	0.305	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.293	0.343	—	—	—	0.293	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.305	0.343	—	—	—	0.305	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.293	—	—	—	—	0.293	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.305	—	—	—	—	0.305	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.293	3.43	—	—	—	0.293	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.305	3.43	—	—	—	0.305	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	5.85	75000	—	—	—	5.85	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	5.93	75000	—	—	—	5.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	6.1	75000	—	—	—	6.1	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	2.93	2000	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	2.96	2000	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3.05	2000	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	2.93	59	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3.05	59	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	2.93	0.137	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	3.05	0.137	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.293	6	—	—	—	0.293	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.305	6	—	—	—	0.305	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6010D	Boron	B	N	15	750	—	—	—	15	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	2.93	—	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	2.96	—	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3.05	—	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.293	160	—	—	—	0.293	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.296	160	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.305	160	—	—	—	0.305	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	11.4	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6010D	Calcium	Ca	Y	11.4	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.17	—	—	1.71	5.19	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.75	—	—	1.68	5.33	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.49	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.49	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	2.93	1400	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3.05	1400	—	—	—	3.05	µg/L	N	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.22	3.7	—	—	—	3.22	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.35	3.7	—	—	—	3.35	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.4	733	—	—	—	0.4	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.405	733	—	—	—	0.405	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.417	733	—	—	—	0.417	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	2.93	91	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	2.96	91	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3.05	91	—	—	—	3.05	µg/L	N	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.93	—	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.05	—	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.293	34.3	—	—	—	0.293	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.296	34.3	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.305	34.3	—	—	—	0.305	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.49	—	—	2.11	6.59	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.19	—	—	1.45	4.95	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.293	0.0343	—	—	—	0.293	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.305	0.0343	—	—	—	0.305	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	2.93	7.9	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	2.96	7.9	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3.05	7.9	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	2.93	600	—	—	—	2.93	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3.05	600	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	2.93	—	—	—	—	2.93	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	2.96	—	—	—	—	2.96	µg/L	N	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3.05	—	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	2.93	75	—	—	—	2.93	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	2.93	1.25	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3.05	1.25	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	2.93	45.3	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3.05	45.3	—	—	—	3.05	µg/L	N	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.293	14800	—	—	—	0.293	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.296	14800	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.305	14800	—	—	—	0.305	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.293	612	—	—	—	0.293	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.296	612	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.305	612	—	—	—	0.305	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	2.93	354	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	2.96	354	—	—	—	2.96	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3.05	354	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.293	885	—	—	—	0.293	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.305	885	—	—	—	0.305	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.93	1.52	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.05	1.52	—	—	—	3.05	µg/L	N	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	4.88	38.7	—	—	—	4.88	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5.08	38.7	—	—	—	5.08	µg/L	N	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	2.93	2.37	—	—	—	2.93	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3.05	2.37	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	2.93	0.485	—	—	—	2.93	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3.05	0.485	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.293	200	—	—	—	0.293	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.305	200	—	—	—	0.305	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	2.93	7	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	2.96	7	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3.05	7	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	2.93	4.59	—	—	—	2.93	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	2.96	4.59	—	—	—	2.96	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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	UJ	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	2.93	122	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	2.96	122	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3.05	122	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.293	802	—	—	—	0.293	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.296	802	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.305	802	—	—	—	0.305	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.293	288	—	—	—	0.293	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.296	288	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.305	288	—	—	—	0.305	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.482	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.474	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.49	15	—	0.831	2.57	—	pCi/L	Y	U	UJ	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.38	15	—	0.846	2.7	—	pCi/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	2.06	—	—	0.925	2.93	—	pCi/L	Y	U	UJ	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	EPA:900.0	Gross beta	GROSSB	N	0.597	—	—	0.842	2.87	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	45.7	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	45.3	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	2.93	1	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	2.96	1	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3.05	1	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	2.93	1.39	—	—	—	2.93	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	2.96	1.39	—	—	—	2.96	µg/L	N	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3.05	1.39	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	2.93	50	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	2.96	50	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3.05	50	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	2.93	3.28	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	2.96	3.28	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3.05	3.28	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.293	0.343	—	—	—	0.293	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.41	781	—	—	—	3.41	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.46	781	—	—	—	3.46	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.56	781	—	—	—	3.56	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	4.17	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6010D	Magnesium	Mg	Y	4.12	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.293	11.4	—	—	—	0.293	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.305	11.4	—	—	—	0.305	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.293	35.1	—	—	—	0.293	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.305	35.1	—	—	—	0.305	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	2.93	930	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	2.96	930	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3.05	930	—	—	—	3.05	µg/L	N	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.61	—	—	—	—	3.61	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.66	—	—	—	—	3.66	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.76	—	—	—	—	3.76	µg/L	N	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.83	1000	2.5	—	—	0.2	µg/L	Y	J	J	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.835	1000	2.5	—	—	0.2	µg/L	Y	J	J	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.293	1.17	—	—	—	0.293	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.296	1.17	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.305	1.17	—	—	—	0.305	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.24	—	—	2.74	9.17	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.929	—	—	2.53	8.9	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.112	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.112	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	2.93	190	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	2.96	190	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3.05	190	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	2.93	—	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	2.96	—	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3.05	—	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	2.93	38	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	2.96	38	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3.05	38	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.93	1.4	—	—	—	2.93	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.96	1.4	—	—	—	2.96	µg/L	N	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3.05	1.4	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	2.93	—	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	2.96	—	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3.05	—	—	—	—	3.05	µg/L	N	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	2.93	—	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	2.96	—	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3.05	—	—	—	—	3.05	µg/L	N	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	2.93	0.00167	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3.05	0.00167	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	2.93	0.00491	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3.05	0.00491	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.93	0.0273	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.05	0.0273	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.93	0.11	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.05	0.11	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	2.93	0.37	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3.05	0.37	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0809	3.14	—	—	—	0.0809	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.93	9.81	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.05	9.81	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	2.93	3.07	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	2.96	3.07	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3.05	3.07	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	2.93	1	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	2.96	1	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3.05	1	—	—	—	3.05	µg/L	N	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.172	13.8	0.414	—	—	0.05	µg/L	Y	J	J-	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.173	13.8	0.414	—	—	0.05	µg/L	Y	J	J-	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.6	401	—	—	—	0.6	ng/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.573	401	—	—	—	0.573	ng/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.727	60	—	—	—	0.727	ng/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.695	60	—	—	—	0.695	ng/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.727	60	—	—	—	0.727	ng/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.695	60	—	—	—	0.695	ng/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.0987	170	—	—	—	0.0987	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.293	170	—	—	—	0.293	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.296	170	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.305	170	—	—	—	0.305	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Phenol	108-95-2	N	2.93	5	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	2.96	5	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Phenol	108-95-2	N	3.05	5	—	—	—	3.05	µg/L	N	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	—	—	0.00579	0.0582	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00232	—	—	0.00837	0.0466	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00868	—	—	0.00869	0.0614	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00232	—	—	0.0077	0.0493	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	1.24	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6010D	Potassium	K	Y	1.19	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	90.2	—	—	16.5	40.8	—	pCi/L	Y	—	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-47.3	—	—	24.7	67.7	—	pCi/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Prometon	1610-18-0	N	2.93	250	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	2.96	250	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3.05	250	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.293	117	—	—	—	0.293	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.296	117	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.305	117	—	—	—	0.305	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Pyridine	110-86-1	N	2.93	20	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	2.96	20	—	—	—	2.96	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3.05	20	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.502	5	—	0.158	0.37	—	pCi/L	Y	—	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.541	5	—	0.148	0.273	—	pCi/L	Y	—	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	1.07	—	—	0.285	—	—	pCi/L	Y	J	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	1.29	—	—	0.33	—	—	pCi/L	Y	J	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.569	5	—	0.238	0.706	—	pCi/L	Y	U	UJ	N3B-2022-3222	CALA-22-258585	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.748	5	—	0.295	0.87	—	pCi/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	65.6	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	65.3	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	8.94	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6010D	Sodium	Na	Y	8.9	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.19	—	—	1.29	5.26	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	1.43	—	—	1.54	5.98	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	118	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	120	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	53.6	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6010D	Strontium	Sr	Y	53.2	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.176	8	—	0.147	0.493	—	pCi/L	Y	U	UJ	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.629	8	—	0.177	0.488	—	pCi/L	Y	—	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.48	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.46	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	2.93	20	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	2.96	20	—	—	—	2.96	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3.05	20	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.93	1.66	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.05	1.66	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.93	240	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.05	240	—	—	—	3.05	µg/L	N	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	115	1000	161	—	—	2.38	mg/L	Y	—	J	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	117	1000	161	—	—	2.38	mg/L	Y	—	J	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	N	0	—	—	—	—	—	ng/L	—	U	U	N3B-2022-3222	CALA-22-258585	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-7 S3	895.5	09/15/2022	UF	INIT	FD	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	N	0	—	—	—	—	—	ng/L	—	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.112	—	—	—	—	0.02	mg/L	Y	—	U	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.136	—	—	—	—	0.02	mg/L	Y	—	U	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	2.93	70	—	—	—	2.93	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3.05	70	—	—	—	3.05	µg/L	N	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	2.93	1170	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3.05	1170	—	—	—	3.05	µg/L	N	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	RE	FD	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	2.93	11.9	—	—	—	2.93	µg/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	3.05	11.9	—	—	—	3.05	µg/L	N	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	Generic:Low_ Level_Tritium	Tritium	H-3	N	2.204	20000	–	0.997	3.054	–	pCi/L	Y	U	UJ	N3B-2022-3360	CALA-22-258585	ARSL
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	Generic:Low_ Level_Tritium	Tritium	H-3	N	1.274	20000	–	0.879	2.83	–	pCi/L	Y	U	UJ	N3B-2022-3360	CALA-22-258589	ARSL
R-7 S3	895.5	08/27/2021	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.827	20000	—	0.916	3.021	—	pCi/L	Y	U*	UJ	N3B-2022-118	CALA-21-232092	ARSL
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.934	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.925	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.663	27.2	0.715	0.0639	0.069	—	pCi/L	Y	—	NQ	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.528	27.2	0.715	0.0525	0.0615	—	pCi/L	Y	—	NQ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0415	28.8	—	0.0165	0.0677	—	pCi/L	Y	U	UJ	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0302	28.8	—	0.0143	0.0603	—	pCi/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.372	30	0.336	0.0436	0.0726	—	pCi/L	Y	—	NQ	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.355	30	0.336	0.0402	0.0647	—	pCi/L	Y	—	NQ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	5.48	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6010D	Vanadium	V	Y	5.45	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-7 S3	895.5	09/15/2022	UF	INIT	FD	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	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-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	4.56	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6010D	Zinc	Zn	Y	4.56	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-3222	CALA-22-258590	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.488	—	—	—	—	0.488	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.488	—	—	—	—	0.488	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.293	—	—	—	—	0.293	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.289	535	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.289	—	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	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-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.6	—	—	—	—	1.45	mg/L	Y	J	J	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.4	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0296	—	—	0.0158	0.0595	—	pCi/L	Y	U	UJ	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0781	1.9	—	—	—	0.0781	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0781	1.9	—	—	—	0.0781	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0418	—	—	—	—	0.017	mg/L	Y	J	J	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.04	130	—	—	—	4.04	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.289	1720	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1016	12674-11-2	N	0.0335	0.5	—	—	—	0.0335	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1221	11104-28-2	N	0.0335	0.5	—	—	—	0.0335	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1232	11141-16-5	N	0.0335	0.5	—	—	—	0.0335	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1242	53469-21-9	N	0.0335	0.5	—	—	—	0.0335	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1248	12672-29-6	N	0.0335	0.5	—	—	—	0.0335	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1254	11097-69-1	N	0.0335	0.5	—	—	—	0.0335	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1260	11096-82-5	N	0.0335	0.5	—	—	—	0.0335	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	PESTPCB	SW-846:8082A	Aroclor-1262	37324-23-5	N	0.0335	0.5	—	—	—	0.0335	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.18	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	2.89	3	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	2.89	1.2	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	31.6	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.75	0.00109	—	—	—	3.75	µg/L	Y	U	UJ	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.289	0.12	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.289	0.2	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.289	0.343	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.289	—	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.289	3.43	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	5.77	75000	—	—	—	5.77	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	2.89	2000	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	2.89	59	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	2.89	0.137	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	Y	1.62	6	—	—	—	0.289	µg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	21.3	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	2.89	—	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.289	160	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	17.2	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.42	—	—	1.37	4.67	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.59	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	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-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	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-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	2.89	1400	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.17	3.7	—	—	—	3.17	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.394	733	—	—	—	0.394	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	2.89	91	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.89	—	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	7.48	—	—	3	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.289	34.3	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.24	—	—	1.29	4.47	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.289	0.0343	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	2.89	7.9	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	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-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	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-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	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-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	2.89	600	—	—	—	2.89	µg/L	N	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	2.89	—	—	—	—	2.89	µg/L	N	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	2.89	75	—	—	—	2.89	µg/L	N	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	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-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	2.89	1.25	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	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-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	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-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	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-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	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-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	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-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	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-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	2.89	45.3	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	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-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	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-2022-3106	CALA-22-258592	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	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-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	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-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.289	14800	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.289	612	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	2.89	354	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.289	885	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.89	1.52	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0781	2	—	—	—	0.0781	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	4.81	38.7	—	—	—	4.81	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	2.89	2.37	—	—	—	2.89	µg/L	N	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0781	2.37	—	—	—	0.0781	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	2.89	0.485	—	—	—	2.89	µg/L	N	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0781	0.485	—	—	—	0.0781	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.289	200	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	2.89	7	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	2.89	4.59	—	—	—	2.89	µg/L	N	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	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-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	2.89	122	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.289	802	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.289	288	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.584	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.245	15	—	0.6	2.47	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	1.51	—	—	0.86	2.82	—	pCi/L	Y	U	UJ	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	54	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	2.89	1	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	2.89	1.39	—	—	—	2.89	µg/L	N	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	2.89	50	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	2.89	3.28	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0781	1000	—	—	—	0.0781	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.289	0.343	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.37	781	—	—	—	3.37	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	2.69	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	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-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	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-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	2.55	5	—	—	—	0.5	µg/L	Y	J	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.289	11.4	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.289	35.1	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	2.89	930	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.56	—	—	—	—	3.56	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.49	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.289	1.17	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.24	—	—	2.65	8.75	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.705	200	2.9	—	—	0.6	µg/L	Y	J	J	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.677	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	2.89	190	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	2.89	—	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	2.89	38	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.89	1.4	—	—	—	2.89	µg/L	N	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0781	1.4	—	—	—	0.0781	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	2.89	—	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	2.89	—	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	2.89	0.00167	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	2.89	0.00491	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.89	0.0273	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.89	0.11	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	2.89	0.37	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0801	3.14	—	—	—	0.0801	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0781	1.74	—	—	—	0.0781	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.147	42.7	—	—	—	0.147	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.89	9.81	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	2.89	3.07	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	2.89	1	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.289	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.583	401	—	—	—	0.583	ng/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.707	60	—	—	—	0.707	ng/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.707	60	—	—	—	0.707	ng/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.0977	170	—	—	—	0.0977	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.289	170	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	2.89	5	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0318	—	—	0.0154	0.0711	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0212	—	—	0.0141	0.0751	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	2.31	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-18.9	—	—	18.1	59	—	pCi/L	Y	U	UJ	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	2.89	250	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.289	117	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	2.89	20	—	—	—	2.89	µg/L	Y	U	UJ	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.438	5	—	0.179	0.515	—	pCi/L	Y	U	UJ	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.796	—	—	0.312	—	—	pCi/L	Y	U	UJ	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.358	5	—	0.255	0.841	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0781	9.66	—	—	—	0.0781	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	52.7	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	12.4	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.539	—	—	1.16	4.32	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	170	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	107	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.486	8	—	0.165	0.492	—	pCi/L	Y	U	UJ	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-8 S1	705.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.7	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	2.89	20	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.293	—	—	—	—	0.293	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.89	1.66	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	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-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	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-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.89	240	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0781	39.4	—	—	—	0.0781	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	121	1000	161	—	—	2.38	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	N	0	—	—	—	—	—	ng/L	—	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0688	—	—	—	—	0.02	mg/L	Y	—	U	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	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-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	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-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	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-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	2.89	70	—	—	—	2.89	µg/L	N	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	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-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	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-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	2.89	1170	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	2.89	11.9	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	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-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	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-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	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-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explo	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0781	590	—	—	—	0.0781	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0781	9.8	—	—	—	0.0781	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.293	—	—	—	—	0.293	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.31	09/07/2022	UF	INIT	REG	RAD	Generic:Low_ Level_Tritium	Tritium	H-3	N	1.23	20000	–	1.008	3.283	–	pCi/L	Y	UQ	UJ	N3B-2022-3196	CALA-22-258592	ARSL
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.332	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.252	27.2	0.715	0.0307	0.0459	—	pCi/L	Y	—	NQ	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00285	28.8	—	0.00855	0.0448	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.129	30	0.336	0.0203	0.0483	—	pCi/L	Y	—	NQ	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	15.5	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	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-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	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-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	3.64	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-3106	CALA-22-258593	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.484	—	—	—	—	0.484	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.484	—	—	—	—	0.484	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	3,5-Dinitroaniline	618-87-1	N	0.29	—	—	—	—	0.29	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.289	535	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.301	535	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.3	535	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.289	—	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.301	—	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Acetone	67-64-1	N	1.74	14100	—	—	—	1.74	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.86	—	—	—	—	0.01	SU	Y	H	J	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.75	—	—	—	—	0.01	SU	Y	H	J	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.76	—	—	—	—	0.01	SU	Y	H	J	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	4.8	—	—	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	9.2	—	—	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	8	—	—	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.2	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.018	—	—	0.012	0.0579	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0774	1.9	—	—	—	0.0774	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0774	1.9	—	—	—	0.0774	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0278	—	—	—	—	0.017	mg/L	Y	J	J	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0418	—	—	—	—	0.017	mg/L	Y	J	U	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0363	—	—	—	—	0.017	mg/L	Y	J	U	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.05	130	—	—	—	4.05	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.21	130	—	—	—	4.21	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.2	130	—	—	—	4.2	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.289	1720	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.301	1720	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.3	1720	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.28	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.59	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	3.53	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	2.89	3	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3.01	3	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3	3	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	2.89	1.2	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3.01	1.2	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3	1.2	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	44.9	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	44.1	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-595	CALA-22-236930	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6010D	Barium	Ba	Y	43.3	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.76	0.00109	—	—	—	3.76	µg/L	Y	U	UJ	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.91	0.00109	—	—	—	3.91	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.9	0.00109	—	—	—	3.9	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.289	0.12	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.301	0.12	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.3	0.12	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.289	0.2	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.301	0.2	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.3	0.2	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.289	0.343	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.301	0.343	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.3	0.343	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.289	—	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.301	—	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.289	3.43	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.301	3.43	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.3	3.43	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	5.79	75000	—	—	—	5.79	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	6.01	75000	—	—	—	6.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	6	75000	—	—	—	6	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	2.89	2000	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3.01	2000	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3	2000	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	2.89	59	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3.01	59	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3	59	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	2.89	0.137	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	3.01	0.137	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	3	0.137	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.289	6	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.301	6	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.3	6	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	23.4	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	23.5	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6010D	Boron	B	Y	22	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	UJ	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	UJ	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	2.89	—	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3.01	—	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.289	160	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.301	160	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.3	160	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	16.2	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	17.3	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6010D	Calcium	Ca	Y	17.2	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.00817	—	—	0.849	3.19	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.67	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.58	250	2.7	—	—	0.067	mg/L	Y	—	J-	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.57	250	2.7	—	—	0.067	mg/L	Y	—	J-	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	2.89	1400	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3.01	1400	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3	1400	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.18	3.7	—	—	—	3.18	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.31	3.7	—	—	—	3.31	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.3	3.7	—	—	—	3.3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.395	733	—	—	—	0.395	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.411	733	—	—	—	0.411	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.41	733	—	—	—	0.41	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	2.89	91	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3.01	91	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3	91	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.89	—	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.01	—	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.46	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.43	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.13	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.289	34.3	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.301	34.3	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.3	34.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.758	—	—	0.95	3.17	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.289	0.0343	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.301	0.0343	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.3	0.0343	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	2.89	7.9	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3.01	7.9	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3	7.9	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	2.89	600	—	—	—	2.89	µg/L	N	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236931	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3.01	600	—	—	—	3.01	µg/L	N	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3	600	—	—	—	3	µg/L	N	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	2.89	—	—	—	—	2.89	µg/L	N	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3.01	—	—	—	—	3.01	µg/L	N	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3	—	—	—	—	3	µg/L	N	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	2.89	75	—	—	—	2.89	µg/L	N	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3.01	75	—	—	—	3.01	µg/L	N	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3	75	—	—	—	3	µg/L	N	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	2.89	1.25	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3.01	1.25	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3	1.25	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	2.89	45.3	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3.01	45.3	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3	45.3	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.289	14800	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.301	14800	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.3	14800	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.289	612	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.301	612	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.3	612	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	2.89	354	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3.01	354	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3	354	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.289	885	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.301	885	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.3	885	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.89	1.52	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.01	1.52	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3	1.52	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0774	2	—	—	—	0.0774	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	4.82	38.7	—	—	—	4.82	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5.01	38.7	—	—	—	5.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5	38.7	—	—	—	5	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	2.89	2.37	—	—	—	2.89	µg/L	N	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0774	2.37	—	—	—	0.0774	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3.01	2.37	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3	2.37	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	2.89	0.485	—	—	—	2.89	µg/L	N	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0774	0.485	—	—	—	0.0774	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3.01	0.485	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3	0.485	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.289	200	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.301	200	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.3	200	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	2.89	7	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3.01	7	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3	7	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	2.89	4.59	—	—	—	2.89	µg/L	N	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3.01	4.59	—	—	—	3.01	µg/L	N	U	UJ	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3	4.59	—	—	—	3	µg/L	N	U	UJ	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	2.89	122	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3.01	122	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3	122	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.289	802	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.301	802	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.3	802	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.289	288	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.301	288	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.3	288	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.587	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.604	1.6	0.377	—	—	0.033	mg/L	Y	—	J-	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.602	1.6	0.377	—	—	0.033	mg/L	Y	—	J-	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	-0.0522	15	—	0.533	2.55	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	2.3	—	—	0.906	2.8	—	pCi/L	Y	U	UJ	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	53.4	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	55.2	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	54.7	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	2.89	1	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3.01	1	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	2.89	1.39	—	—	—	2.89	µg/L	N	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3.01	1.39	—	—	—	3.01	µg/L	N	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3	1.39	—	—	—	3	µg/L	N	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	2.89	50	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3.01	50	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	2.89	3.28	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3.01	3.28	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3	3.28	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0774	1000	—	—	—	0.0774	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.289	0.343	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.301	0.343	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	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-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.38	781	—	—	—	3.38	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.51	781	—	—	—	3.51	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.5	781	—	—	—	3.5	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	3.17	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	2.9	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6010D	Magnesium	Mg	Y	2.88	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-595	CALA-22-236932	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	1.66	5	—	—	—	0.5	µg/L	Y	J	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	1.65	5	—	—	—	0.5	µg/L	Y	BJ	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	1.61	5	—	—	—	0.5	µg/L	Y	BJ	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.289	11.4	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.301	11.4	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.3	11.4	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.289	35.1	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.301	35.1	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.3	35.1	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	2.89	930	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3.01	930	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3	930	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.57	—	—	—	—	3.57	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.71	—	—	—	—	3.71	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	—	—	—	3.7	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.57	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.6	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.49	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.289	1.17	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.301	1.17	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.3	1.17	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.175	—	—	1.97	6.72	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.58	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.587	10	0.769	—	—	0.017	mg/L	Y	—	J-	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.586	10	0.769	—	—	0.017	mg/L	Y	—	J-	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	2.89	190	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3.01	190	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3	190	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	2.89	—	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3.01	—	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	2.89	38	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3.01	38	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3	38	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.89	1.4	—	—	—	2.89	µg/L	N	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0774	1.4	—	—	—	0.0774	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3.01	1.4	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3	1.4	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	2.89	—	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3.01	—	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	2.89	—	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3.01	—	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	2.89	0.00167	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3.01	0.00167	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3	0.00167	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	2.89	0.00491	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3.01	0.00491	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3	0.00491	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.89	0.0273	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.01	0.0273	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	3	0.0273	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.89	0.11	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.01	0.11	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	3	0.11	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	2.89	0.37	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3.01	0.37	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3	0.37	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.0793	3.14	—	—	—	0.0793	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0774	1.74	—	—	—	0.0774	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[4-]	99-99-0	N	0.145	42.7	—	—	—	0.145	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.89	9.81	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.01	9.81	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3	9.81	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	2.89	3.07	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3.01	3.07	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3	3.07	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	2.89	1	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3.01	1	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.293	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.328	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.319	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.61	401	—	—	—	0.61	ng/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.739	60	—	—	—	0.739	ng/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.739	60	—	—	—	0.739	ng/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.0967	170	—	—	—	0.0967	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.289	170	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.301	170	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.3	170	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	2.89	5	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3.01	5	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Phenol	108-95-2	N	3	5	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0205	—	—	0.0191	0.103	—	pCi/L	Y	U	UJ	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0409	—	—	0.0177	0.109	—	pCi/L	Y	U	UJ	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	2.32	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	2.29	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6010D	Potassium	K	Y	2.27	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	29.1	—	—	22.4	26.4	—	pCi/L	Y	UI	UJ	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	2.89	250	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3.01	250	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3	250	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.289	117	—	—	—	0.289	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.301	117	—	—	—	0.301	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.3	117	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	2.89	20	—	—	—	2.89	µg/L	Y	U	UJ	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3.01	20	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.413	5	—	0.149	0.359	—	pCi/L	Y	—	NQ	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.702	—	—	0.281	—	—	pCi/L	Y	J	J	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.289	5	—	0.239	0.802	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0774	9.66	—	—	—	0.0774	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	58.6	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	54.6	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	54.3	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	12.4	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	12.3	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6010D	Sodium	Na	Y	12.2	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.72	—	—	0.868	2.91	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	168	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	168	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	170	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	148	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	143	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6010D	Strontium	Sr	Y	141	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0483	8	—	0.102	0.345	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.88	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.78	600	4.59	—	—	0.133	mg/L	Y	—	J-	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.77	600	4.59	—	—	0.133	mg/L	Y	—	J-	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	2.89	20	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3.01	20	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	TATB	3058-38-6	N	0.29	—	—	—	—	0.29	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.89	1.66	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.01	1.66	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3	1.66	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236931	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.89	240	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.01	240	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3	240	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0774	39.4	—	—	—	0.0774	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	116	1000	161	—	—	2.38	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	103	1000	161	—	—	3.4	mg/L	Y	—	J	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	159	1000	161	—	—	3.4	mg/L	Y	—	J	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0882	—	—	—	—	0.033	mg/L	Y	J	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0432	—	—	—	—	0.033	mg/L	Y	J	J	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	N	0	—	—	—	—	—	ng/L	—	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0627	—	—	—	—	0.02	mg/L	Y	—	U	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	—	—	0.02	mg/L	Y	U	UJ	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	—	—	—	0.02	mg/L	Y	U	UJ	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	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	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	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	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	2.89	70	—	—	—	2.89	µg/L	N	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3.01	70	—	—	—	3.01	µg/L	N	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3	70	—	—	—	3	µg/L	N	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	2.89	1170	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3.01	1170	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3	1170	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	2.89	11.9	—	—	—	2.89	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	3.01	11.9	—	—	—	3.01	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	3	11.9	—	—	—	3	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0774	590	—	—	—	0.0774	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0774	9.8	—	—	—	0.0774	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tris (o-cresyl) phosphate	78-30-8	N	0.29	—	—	—	—	0.29	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	Generic:Low_ Level_Tritium	Tritium	H-3	N	-0.467	20000	–	0.922	3.136	–	pCi/L	Y	UQ	UJ	N3B-2022-3196	CALA-22-258596	ARSL
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.315	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.37	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.371	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.194	27.2	0.715	0.0293	0.0567	—	pCi/L	Y	—	NQ	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00000000235	28.8	—	0.0111	0.0554	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0826	30	0.336	0.0204	0.0597	—	pCi/L	Y	—	NQ	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	17.4	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	17.3	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6010D	Vanadium	V	Y	17.2	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	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-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	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-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	N	3.3	10000	—	—	—	3.3	µg/L	Y	U	U	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	5.42	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6010D	Zinc	Zn	Y	4.63	10000	—	—	—	3.3	µg/L	Y	J	J	N3B-2022-595	CALA-22-236932	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.296	535	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.296	—	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	3.8	14100	—	—	—	1.74	µg/L	Y	BJ	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.43	—	—	—	—	0.01	SU	Y	H	J	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	3.6	—	—	—	—	1.45	mg/L	Y	J	J	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	120	—	72.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0224	—	—	0.0132	0.0515	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	—	—	0.017	mg/L	Y	U	U	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.14	130	—	—	—	4.14	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.296	1720	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.36	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	2.96	3	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	2.96	1.2	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	164	2000	38.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.85	0.00109	—	—	—	3.85	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	5.92	75000	—	—	—	5.92	µg/L	Y	U	UJ	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	2.96	2000	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	51.6	750	—	—	—	15	µg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	—	—	0.067	mg/L	Y	U	U	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	2.96	—	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.296	160	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	22.8	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.148	—	—	0.714	2.78	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.63	250	2.7	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.25	3.7	—	—	—	3.25	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.404	733	—	—	—	0.404	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	2.96	91	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.5	50	7.48	—	—	3	µg/L	Y	J	J	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.296	34.3	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.752	—	—	0.773	3.21	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	2.96	7.9	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	2.96	—	—	—	—	2.96	µg/L	N	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.296	14800	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.296	612	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	4.93	38.7	—	—	—	4.93	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	2.96	2.37	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	2.96	0.485	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	2.96	7	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	2.96	4.59	—	—	—	2.96	µg/L	N	U	UJ	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.576	4.59	—	—	—	0.1	µg/L	Y	B	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	2.96	122	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.296	802	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.296	288	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.363	1.6	0.377	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.755	15	—	0.732	2.68	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	5.05	—	—	0.982	2.88	—	pCi/L	Y	—	NQ	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	88.3	—	67.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	2.96	1	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	2.96	1.39	—	—	—	2.96	µg/L	N	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	2.96	50	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	2.96	3.28	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.45	781	—	—	—	3.45	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	7.6	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.86	5	—	—	—	0.5	µg/L	Y	J	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	2.96	930	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.65	—	—	—	—	3.65	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.21	1000	2.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.296	1.17	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.616	—	—	1.7	5.71	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	200	2.9	—	—	0.6	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.59	10	0.769	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	2.96	190	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	2.96	—	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	2.96	38	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.96	1.4	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	2.96	—	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	2.96	—	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	2.96	3.07	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	2.96	1	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.556	13.8	0.414	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.296	170	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	2.96	5	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00384	—	—	0.00859	0.0771	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.023	—	—	0.0122	0.0815	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	3.6	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-36	—	—	16.5	52.5	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	2.96	250	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.296	117	—	—	—	0.296	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	2.96	20	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.231	5	—	0.135	0.427	—	pCi/L	Y	U	UJ	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.296	—	—	0.279	—	—	pCi/L	Y	U	UJ	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.065	5	—	0.244	0.846	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	75.1	—	81.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	17.8	—	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.553	—	—	0.796	2.75	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	211	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	183	11800	157	—	—	1	µg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.239	8	—	0.139	0.454	—	pCi/L	Y	U	UJ	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.31	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	2.96	20	—	—	—	2.96	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	182	1000	161	—	—	2.38	mg/L	Y	—	J	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	—	—	0.033	mg/L	Y	U	UJ	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	—	—	—	0.33	mg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0227	—	—	—	—	0.02	mg/L	Y	J	U	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	Generic:Low_ Level_Tritium	Tritium	H-3	N	1.408	20000	–	0.849	2.702	–	pCi/L	Y	U	UJ	N3B-2022-3360	CALA-22-258640	ARSL
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.74	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.1	27.2	0.715	0.0902	0.0688	—	pCi/L	Y	—	NQ	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00752	28.8	—	0.016	0.0675	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.582	30	0.336	0.0581	0.0724	—	pCi/L	Y	—	NQ	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	11.4	63.1	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	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-2022-3272	CALA-22-258640	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	N	3.3	10000	—	—	—	3.3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258641	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,4-Diamino-6-nitrotoluene	6629-29-4	N	0.494	—	—	—	—	0.494	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	2,6-Diamino-4-nitrotoluene	59229-75-3	N	0.494	—	—	—	—	0.494	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.3	535	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	10.2	14100	—	—	—	1.74	µg/L	Y	—	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.8	—	62	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00771	—	—	0.00852	0.0413	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-2,6-dinitrotoluene[4-]	19406-51-0	N	0.0791	1.9	—	—	—	0.0791	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-9i S1	189.1	09/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Amino-4,6-dinitrotoluene[2-]	35572-78-2	N	0.0791	1.9	—	—	—	0.0791	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0307	—	—	—	—	0.017	mg/L	Y	J	J	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.2	130	—	—	—	4.2	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.3	1720	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.13	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3	3	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3	1.2	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	35.1	2000	13.5	—	—	1	µg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.9	0.00109	—	—	—	3.9	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	N	5.99	75000	—	—	—	5.99	µg/L	Y	U	UJ	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3	2000	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3	59	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	26.1	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.124	—	—	—	—	0.067	mg/L	Y	J	J	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.3	160	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	19.6	—	10.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.26	—	—	2.08	7.13	—	pCi/L	Y	U	UJ	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	39.6	250	3.11	—	—	0.67	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3	1400	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.41	733	—	—	—	0.41	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3	91	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.3	34.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	1	50	—	—	—	1	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.872	—	—	1.54	5.67	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3	7.9	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3	600	—	—	—	3	µg/L	N	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3	—	—	—	—	3	µg/L	N	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3	75	—	—	—	3	µg/L	N	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3	1.25	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3	45.3	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.3	14800	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.3	612	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3	354	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrobenzene[1,3-]	99-65-0	N	0.0791	2	—	—	—	0.0791	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3	2.37	—	—	—	3	µg/L	N	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,4-]	121-14-2	N	0.0791	2.37	—	—	—	0.0791	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3	0.485	—	—	—	3	µg/L	N	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Dinitrotoluene[2,6-]	606-20-2	N	0.0791	0.485	—	—	—	0.0791	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3	7	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3	4.59	—	—	—	3	µg/L	N	U	UJ	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.409	4.59	—	—	—	0.1	µg/L	Y	B	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3	122	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.3	802	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.3	288	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.256	1.6	0.234	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.633	15	—	0.747	2.89	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	5.83	—	—	0.905	2.47	—	pCi/L	Y	—	NQ	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	77.3	—	37.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3	1.39	—	—	—	3	µg/L	N	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3	3.28	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	HMX	2691-41-0	N	0.0791	1000	—	—	—	0.0791	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.5	781	—	—	—	3.5	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	6.89	—	3.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	Y	3.7	200	—	—	—	2	µg/L	Y	J	J	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3	930	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	—	—	—	3.7	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	7.29	1000	2.9	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.3	1.17	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.595	—	—	2.76	10.2	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.96	200	3.65	—	—	0.6	µg/L	Y	J	J	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.845	10	0.459	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3	190	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3	38	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3	1.4	—	—	—	3	µg/L	N	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrobenzene	98-95-3	N	0.0791	1.4	—	—	—	0.0791	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3	0.00167	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3	0.00491	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3	0.37	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[2-]	88-72-2	N	0.081	3.14	—	—	—	0.081	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Nitrotoluene[3-]	99-08-1	N	0.0791	1.74	—	—	—	0.0791	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3	3.07	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.597	13.8	0.27	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	18.5	401	—	—	—	0.58	ng/L	Y	—	NQ	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	9.56	60	—	—	—	0.703	ng/L	Y	—	NQ	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	4.86	60	—	—	—	0.703	ng/L	Y	—	NQ	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	PETN	78-11-5	N	0.0988	170	—	—	—	0.0988	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.3	170	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3	5	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00876	—	—	0.00759	0.044	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00876	—	—	0.00693	0.0465	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	4.5	—	2.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	11	—	—	31.1	49.4	—	pCi/L	Y	U	UJ	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3	250	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.3	117	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.654	5	—	0.18	0.361	—	pCi/L	Y	—	J+	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.38	—	—	0.303	—	—	pCi/L	Y	—	J+	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.73	5	—	0.244	0.66	—	pCi/L	Y	—	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	RDX	121-82-4	N	0.0791	9.66	—	—	—	0.0791	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	38.2	—	75	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	26.9	—	18.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.01	—	—	1.68	5.49	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	262	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	121	11800	59.6	—	—	1	µg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.328	8	—	0.14	0.447	—	pCi/L	Y	U	UJ	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	12.2	600	7.1	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Tetryl	479-45-8	N	0.0791	39.4	—	—	—	0.0791	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	175	1000	—	—	—	2.38	mg/L	Y	—	J	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0473	—	—	—	—	0.033	mg/L	Y	J	J-	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.811	—	—	—	—	0.33	mg/L	Y	J	J	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	Y	32.92	—	—	—	—	—	ng/L	—	—	NQ	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0693	—	—	—	—	0.02	mg/L	Y	—	U	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3	70	—	—	—	3	µg/L	N	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-9i S1	189.1	09/20/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3	1170	—	—	—	3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrobenzene[1,3,5-]	99-35-4	N	0.0791	590	—	—	—	0.0791	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	LCMS/MS High Explosives	SW-846:8330B	Trinitrotoluene[2,4,6-]	118-96-7	N	0.0791	9.8	—	—	—	0.0791	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	Generic:Low_ Level_Tritium	Tritium	H-3	Y	43.561	20000	–	6.685	2.849	–	pCi/L	Y	–	J	N3B-2022-3360	CALA-22-258570	ARSL
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.52	30	0.992	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.186	27.2	0.477	0.0303	0.0619	—	pCi/L	Y	—	NQ	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00169	28.8	—	0.00698	0.0607	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.13	30	0.201	0.0237	0.0651	—	pCi/L	Y	—	NQ	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	2.32	63.1	9.29	—	—	1	µg/L	Y	J	J	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	N	3.3	10000	—	—	—	3.3	µg/L	Y	U	U	N3B-2022-3272	CALA-22-258571	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.3	535	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Acenaphthene	83-32-9	N	0.299	535	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Acenaphthylene	208-96-8	N	0.299	—	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetone	67-64-1	N	2.16	14100	—	—	—	1.74	µg/L	Y	BJ	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Acetone	67-64-1	N	3.79	14100	—	—	—	1.74	µg/L	Y	BJ	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Acetonitrile	75-05-8	N	8.33	130	—	—	—	8.33	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.45	—	—	—	—	0.01	SU	Y	H	J	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Acrolein	107-02-8	N	1.67	0.0415	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Acrylonitrile	107-13-1	N	1.67	0.523	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	113	—	62	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	114	—	62	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6010D	Aluminum	Al	N	68	5000	—	—	—	68	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00000000503	—	—	0.0188	0.0808	—	pCi/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00000000333	—	—	0.0158	0.0801	—	pCi/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0409	—	—	—	—	0.017	mg/L	Y	J	J	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0363	—	—	—	—	0.017	mg/L	Y	J	J	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.2	130	—	—	—	4.2	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Aniline	62-53-3	N	4.19	130	—	—	—	4.19	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.3	1720	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Anthracene	120-12-7	N	0.299	1720	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6020B	Antimony	Sb	N	1	6	—	—	—	1	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.06	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	2.05	10	—	—	—	2	µg/L	Y	J	J	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	3	3	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Atrazine	1912-24-9	N	2.99	3	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	3	1.2	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Azobenzene	103-33-3	N	2.99	1.2	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	54	2000	13.5	—	—	1	µg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6010D	Barium	Ba	Y	52.1	2000	13.5	—	—	1	µg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Benzene	71-43-2	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.9	0.00109	—	—	—	3.9	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzidine	92-87-5	N	3.89	0.00109	—	—	—	3.89	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(a)anthracene	56-55-3	N	0.299	0.12	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(a)pyrene	50-32-8	N	0.299	0.2	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(b)fluoranthene	205-99-2	N	0.299	0.343	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(g,h,i)perylene	191-24-2	N	0.299	—	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzo(k)fluoranthene	207-08-9	N	0.299	3.43	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	Y	14.7	75000	—	—	—	6	µg/L	Y	J	J-	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	Y	15.1	75000	—	—	—	5.99	µg/L	Y	J	J-	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	3	2000	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzyl Alcohol	100-51-6	N	2.99	2000	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6010D	Beryllium	Be	N	1	4	—	—	—	1	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	3	59	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-chloroethoxy)methane	111-91-1	N	2.99	59	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-chloroethyl)ether	111-44-4	N	2.99	0.137	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.299	6	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	43.5	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6010D	Boron	B	Y	39.9	750	—	—	—	15	µg/L	Y	J	J	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	2.47	—	—	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	2.44	—	—	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromobenzene	108-86-1	N	0.333	62	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromochloromethane	74-97-5	N	0.333	83	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromodichloromethane	75-27-4	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromoform	75-25-2	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Bromomethane	74-83-9	N	0.337	7.54	—	—	—	0.337	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Bromophenyl-phenylether[4-]	101-55-3	N	2.99	—	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Butanol[1-]	71-36-3	N	21.1	2000	—	—	—	21.1	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Butanone[2-]	78-93-3	N	1.67	5560	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[n-]	104-51-8	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[sec-]	135-98-8	N	0.333	2000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Butylbenzene[tert-]	98-06-6	N	0.333	690	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.3	160	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Butylbenzylphthalate	85-68-7	N	0.299	160	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6020B	Cadmium	Cd	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	50.7	—	10.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6010D	Calcium	Ca	Y	50.1	—	10.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Carbon Disulfide	75-15-0	N	1.67	810	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Carbon Tetrachloride	56-23-5	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.419	—	—	1.42	4.96	—	pCi/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	7.97	—	—	3.12	5.02	—	pCi/L	Y	—	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	37.1	250	3.11	—	—	0.67	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	37.8	250	3.11	—	—	0.67	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	3	1400	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chloro-3-methylphenol[4-]	59-50-7	N	2.99	1400	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chloroaniline[4-]	106-47-8	N	3.29	3.7	—	—	—	3.29	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Chlorobenzene	108-90-7	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Chlorodibromomethane	124-48-1	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Chloroethane	75-00-3	N	0.333	20900	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Chloroform	67-66-3	N	0.333	80	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Chloromethane	74-87-3	N	0.333	20.3	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.41	733	—	—	—	0.41	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chloronaphthalene[2-]	91-58-7	N	0.409	733	—	—	—	0.409	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	3	91	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chlorophenol[2-]	95-57-8	N	2.99	91	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.99	—	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[2-]	95-49-8	N	0.333	233	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Chlorotoluene[4-]	106-43-4	N	0.333	250	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.23	50	—	—	—	3	µg/L	Y	J	J	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.65	50	—	—	—	3	µg/L	Y	J	J	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.3	34.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Chrysene	218-01-9	N	0.299	34.3	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	N	2.39	50	—	—	—	1	µg/L	Y	J	U	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6010D	Cobalt	Co	N	1.48	50	—	—	—	1	µg/L	Y	J	U	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	3.72	—	—	2.54	7.08	—	pCi/L	Y	U	UJ	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.716	—	—	1.62	6.25	—	pCi/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6010D	Copper	Cu	N	3	1000	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	Inorganic	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	—	—	—	0.00167	mg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dibenz(a,h)anthracene	53-70-3	N	0.299	0.0343	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	3	7.9	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dibenzofuran	132-64-9	N	2.99	7.9	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Dibromomethane	74-95-3	N	0.333	8	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	3	600	—	—	—	3	µg/L	N	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,2-]	95-50-1	N	2.99	600	—	—	—	2.99	µg/L	N	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	3	—	—	—	—	3	µg/L	N	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,3-]	541-73-1	N	2.99	—	—	—	—	2.99	µg/L	N	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Dichlorobenzene[1,3-]	541-73-1	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	3	75	—	—	—	3	µg/L	N	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzene[1,4-]	106-46-7	N	2.99	75	—	—	—	2.99	µg/L	N	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	3	1.25	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorobenzidine[3,3'-]	91-94-1	N	2.99	1.25	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Dichlorodifluoromethane	75-71-8	N	0.355	197	—	—	—	0.355	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	3	45.3	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dichlorophenol[2,4-]	120-83-2	N	2.99	45.3	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropane[2,2-]	594-20-7	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Dichloropropene[1,1-]	563-58-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Diethyl Ether	60-29-7	N	0.333	3930	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.3	14800	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Diethylphthalate	84-66-2	N	0.299	14800	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.3	612	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dimethyl Phthalate	131-11-3	N	0.299	612	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	3	354	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dimethylphenol[2,4-]	105-67-9	N	2.99	354	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.31	885	—	—	—	0.3	µg/L	Y	BJ	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Di-n-butylphthalate	84-74-2	N	0.459	885	—	—	—	0.299	µg/L	Y	BJ	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.99	1.52	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	5	38.7	—	—	—	5	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrophenol[2,4-]	51-28-5	N	4.99	38.7	—	—	—	4.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	3	2.37	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrotoluene[2,4-]	121-14-2	N	2.99	2.37	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	3	0.485	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dinitrotoluene[2,6-]	606-20-2	N	2.99	0.485	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Di-n-octylphthalate	117-84-0	N	0.299	200	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	3	7	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dinoseb	88-85-7	N	2.99	7	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3	4.59	—	—	—	3	µg/L	N	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	2.99	4.59	—	—	—	2.99	µg/L	N	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	3	122	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Diphenylamine	122-39-4	N	2.99	122	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Ethyl Methacrylate	97-63-2	N	1.67	455	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Ethylbenzene	100-41-4	N	0.333	700	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.3	802	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Fluoranthene	206-44-0	N	0.299	802	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.3	288	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Fluorene	86-73-7	N	0.299	288	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.178	1.6	0.234	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.177	1.6	0.234	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	2.45	15	—	1.01	2.68	—	pCi/L	Y	U	UJ	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.41	15	—	0.853	2.63	—	pCi/L	Y	U	UJ	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	5.57	—	—	1.01	2.42	—	pCi/L	Y	—	NQ	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	EPA:900.0	Gross beta	GROSSB	Y	5.46	—	—	0.999	2.4	—	pCi/L	Y	—	NQ	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	174	—	37.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	172	—	37.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorobenzene	118-74-1	N	2.99	1	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	3	1.39	—	—	—	3	µg/L	N	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorobutadiene	87-68-3	N	2.99	1.39	—	—	—	2.99	µg/L	N	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Hexachlorobutadiene	87-68-3	N	0.333	1.39	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	3	50	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Hexachlorocyclopentadiene	77-47-4	N	2.99	50	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	3	3.28	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Hexachloroethane	67-72-1	N	2.99	3.28	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Hexanone[2-]	591-78-6	N	1.67	38	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.299	0.343	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Iodomethane	74-88-4	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6010D	Iron	Fe	N	30	1000	—	—	—	30	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Isobutyl alcohol	78-83-1	N	16.7	5910	—	—	—	16.7	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.5	781	—	—	—	3.5	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Isophorone	78-59-1	N	3.49	781	—	—	—	3.49	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Isopropylbenzene	98-82-8	N	0.333	447	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Isopropyltoluene[4-]	99-87-6	N	0.333	—	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	15	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	11.5	—	3.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6010D	Magnesium	Mg	Y	11.3	—	3.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6010D	Manganese	Mn	N	2	200	—	—	—	2	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:7470A	Mercury	Hg	N	0.067	2	—	—	—	0.067	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Methacrylonitrile	126-98-7	N	1.67	1.91	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Methyl Methacrylate	80-62-6	N	1.67	1390	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Methylene Chloride	75-09-2	N	0.5	5	—	—	—	0.5	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Methylnaphthalene[1-]	90-12-0	N	0.299	11.4	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Methylnaphthalene[2-]	91-57-6	N	0.299	35.1	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	3	930	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Methylphenol[2-]	95-48-7	N	2.99	930	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.7	—	—	—	—	3.7	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Methylphenol[3-,4-]	65794-96-9	N	3.69	—	—	—	—	3.69	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	146	1000	2.9	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	151	1000	2.9	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.3	1.17	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Naphthalene	91-20-3	N	0.299	1.17	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Naphthalene	91-20-3	N	0.333	1.17	—	—	—	0.333	µg/L	N	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.19	—	—	2.61	9.3	—	pCi/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.743	—	—	2.91	10.5	—	pCi/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.49	200	3.65	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.75	200	3.65	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.28	10	0.459	—	—	0.085	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.29	10	0.459	—	—	0.085	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	3	190	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[2-]	88-74-4	N	2.99	190	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[3-]	99-09-2	N	2.99	—	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	3	38	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitroaniline[4-]	100-01-6	N	2.99	38	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	3	1.4	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrobenzene	98-95-3	N	2.99	1.4	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrophenol[2-]	88-75-5	N	2.99	—	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	3	—	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrophenol[4-]	100-02-7	N	2.99	—	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	3	0.00167	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosodiethylamine[N-]	55-18-5	N	2.99	0.00167	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	3	0.00491	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosodimethylamine[N-]	62-75-9	N	2.99	0.00491	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.99	0.0273	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.99	0.11	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	3	0.37	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Nitrosopyrrolidine[N-]	930-55-2	N	2.99	0.37	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.99	9.81	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	3	3.07	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Pentachlorobenzene	608-93-5	N	2.99	3.07	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	3	1	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Pentachlorophenol	87-86-5	N	2.99	1	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.523	13.8	0.27	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.532	13.8	0.27	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.3	170	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Phenanthrene	85-01-8	N	0.299	170	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Phenol	108-95-2	N	3	5	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Phenol	108-95-2	N	2.99	5	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00411	—	—	0.0123	0.0826	—	pCi/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0354	—	—	0.0143	0.0712	—	pCi/L	Y	U	UJ	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00822	—	—	0.0101	0.0872	—	pCi/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	—	—	0.0112	0.0752	—	pCi/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	5.74	—	2.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6010D	Potassium	K	Y	5.79	—	2.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-42.8	—	—	26.3	81.8	—	pCi/L	Y	U	UJ	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	Y	86.3	—	—	26.2	66.7	—	pCi/L	Y	—	J	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Prometon	1610-18-0	N	3	250	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Prometon	1610-18-0	N	2.99	250	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Propionitrile	107-12-0	N	1.67	—	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Propylbenzene[1-]	103-65-1	N	0.333	660	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.3	117	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Pyrene	129-00-0	N	0.299	117	—	—	—	0.299	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Pyridine	110-86-1	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Pyridine	110-86-1	N	2.99	20	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.69	5	—	0.239	0.619	—	pCi/L	Y	—	J+	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.763	5	—	0.223	0.496	—	pCi/L	Y	—	J+	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.51	—	—	0.356	—	—	pCi/L	Y	—	J+	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.47	—	—	0.35	—	—	pCi/L	Y	J	J+	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.816	5	—	0.263	0.717	—	pCi/L	Y	—	NQ	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.707	5	—	0.27	0.788	—	pCi/L	Y	U	UJ	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6020B	Selenium	Se	N	1.5	50	—	—	—	1.5	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	64.2	—	75	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	63.8	—	75	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6020B	Silver	Ag	N	0.3	50	—	—	—	0.3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	19.8	—	18.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6010D	Sodium	Na	Y	20	—	18.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.369	—	—	1.71	6.28	—	pCi/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.433	—	—	1.59	6.07	—	pCi/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	456	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	463	—	—	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	266	11800	59.6	—	—	1	µg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6010D	Strontium	Sr	Y	268	11800	59.6	—	—	1	µg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.268	8	—	0.151	0.489	—	pCi/L	Y	U	UJ	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.2	8	—	0.112	0.366	—	pCi/L	Y	U	UJ	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Styrene	100-42-5	N	0.333	100	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	35.6	600	7.1	—	—	1.33	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	36.2	600	7.1	—	—	1.33	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	3	20	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Sulfolane	126-33-0	N	2.99	20	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.99	1.66	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Tetrachloroethene	127-18-4	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.99	240	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6020B	Thallium	Tl	N	0.6	2	—	—	—	0.6	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6020B	Tin	Sn	N	1	12000	—	—	—	1	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Toluene	108-88-3	N	0.333	1000	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	294	1000	—	—	—	2.38	mg/L	Y	—	J	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	299	1000	—	—	—	2.38	mg/L	Y	—	J	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.108	—	—	—	—	0.033	mg/L	Y	—	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.112	—	—	—	—	0.033	mg/L	Y	—	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	1.61	—	—	—	—	0.33	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	2.11	—	—	—	—	0.33	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0854	—	—	—	—	0.02	mg/L	Y	—	J	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.112	—	—	—	—	0.02	mg/L	Y	—	J	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	3	70	—	—	—	3	µg/L	N	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorobenzene[1,2,4-]	120-82-1	N	2.99	70	—	—	—	2.99	µg/L	N	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Trichloroethene	79-01-6	N	0.333	5	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Trichlorofluoromethane	75-69-4	N	0.333	1140	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	3	1170	—	—	—	3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorophenol[2,4,5-]	95-95-4	N	2.99	1170	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Trichlorophenol[2,4,6-]	88-06-2	N	2.99	11.9	—	—	—	2.99	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	Generic:Low_ Level_Tritium	Tritium	H-3	Y	64.444	20000	–	9.794	2.766	–	pCi/L	Y	Q	J	N3B-2022-3196	CALA-22-258574	ARSL
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	Generic:Low_ Level_Tritium	Tritium	H-3	Y	49.009	20000	–	7.491	2.795	–	pCi/L	Y	Q	J	N3B-2022-3196	CALA-22-258578	ARSL
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	2.03	30	0.992	—	—	0.067	µg/L	Y	—	J+	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	2.02	30	0.992	—	—	0.067	µg/L	Y	—	J+	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.39	27.2	0.477	0.111	0.0829	—	pCi/L	Y	—	NQ	N3B-2022-3176	CALA-22-258574	GELC

Table C-1 Analytical Results from the Periodic Monitoring Event 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 Level	Background Level	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.48	27.2	0.477	0.123	0.0945	—	pCi/L	Y	—	NQ	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0154	28.8	—	0.0136	0.0809	—	pCi/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.041	28.8	—	0.0196	0.0923	—	pCi/L	Y	U	UJ	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.612	30	0.201	0.0631	0.0872	—	pCi/L	Y	—	NQ	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.702	30	0.201	0.072	0.0994	—	pCi/L	Y	—	NQ	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	1.2	63.1	9.29	—	—	1	µg/L	Y	J	J	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6010D	Vanadium	V	N	1	63.1	9.29	—	—	1	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Vinyl acetate	108-05-4	N	1.67	409	—	—	—	1.67	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	VOC	SW-846:8260D	Vinyl Chloride	75-01-4	N	0.333	2	—	—	—	0.333	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	N	3.3	10000	—	—	—	3.3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6010D	Zinc	Zn	N	3.3	10000	—	—	—	3.3	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258579	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.28	—	—	0.01	SU	Y	H	J	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	08/19/2021	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-2021-2347	CALA-21-232063	GELC
LAOI(a)-1.1	295.2	09/01/2020	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.22	—	—	0.01	SU	Y	H	NQ	N3B-2020-1683	CALA-20-199158	GELC
LAOI(a)-1.1	295.2	09/10/2019	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.22	—	—	0.01	SU	Y	H	NQ	N3B-2019-3260	CALA-19-185290	GELC
LAOI(a)-1.1	295.2	09/06/2018	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.34	—	—	0.01	SU	Y	H	NQ	N3B-2018-3787	CALA-18-160738	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	44.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	08/19/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	42.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2347	CALA-21-232063	GELC
LAOI(a)-1.1	295.2	09/01/2020	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	43.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1683	CALA-20-199158	GELC
LAOI(a)-1.1	295.2	09/10/2019	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	43.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3260	CALA-19-185290	GELC
LAOI(a)-1.1	295.2	09/06/2018	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	42.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160738	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00354	0.0128	0.0569	—	pCi/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	08/19/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0174	0.0159	0.0617	—	pCi/L	Y	U	U	N3B-2021-2347	CALA-21-232062	GELC
LAOI(a)-1.1	295.2	09/01/2020	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00558	0.0118	0.0506	—	pCi/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI(a)-1.1	295.2	09/10/2019	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0366	0.0188	0.0354	—	pCi/L	Y	U	U	N3B-2019-3260	CALA-19-185289	GELC
LAOI(a)-1.1	295.2	09/06/2018	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0078	0.0551	—	pCi/L	Y	U	U	N3B-2018-3787	CALA-18-160739	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0439	—	—	0.017	mg/L	Y	J	J	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	08/19/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0401	—	—	0.017	mg/L	Y	J	U	N3B-2021-2347	CALA-21-232063	GELC
LAOI(a)-1.1	295.2	09/01/2020	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0368	—	—	0.017	mg/L	Y	J	U	N3B-2020-1683	CALA-20-199158	GELC
LAOI(a)-1.1	295.2	09/10/2019	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0393	—	—	0.017	mg/L	Y	J	U	N3B-2019-3260	CALA-19-185290	GELC
LAOI(a)-1.1	295.2	09/06/2018	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2018-3787	CALA-18-160738	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	8.38	—	—	1	µg/L	Y	—	NQ	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	08/19/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	8.73	—	—	1	µg/L	Y	—	NQ	N3B-2021-2347	CALA-21-232063	GELC
LAOI(a)-1.1	295.2	09/01/2020	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	9	—	—	1	µg/L	Y	—	NQ	N3B-2020-1683	CALA-20-199158	GELC
LAOI(a)-1.1	295.2	09/10/2019	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	9.18	—	—	1	µg/L	Y	—	NQ	N3B-2019-3260	CALA-19-185290	GELC
LAOI(a)-1.1	295.2	09/06/2018	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	8.77	—	—	1	µg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160738	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	Y	0.34	—	—	0.3	µg/L	Y	J	J	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	09/01/2020	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.311	—	—	0.311	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI(a)-1.1	295.2	09/06/2018	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-2018-3787	CALA-18-160739	GELC
LAOI(a)-1.1	295.2	08/25/2016	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	11.1	—	—	3.33	µg/L	Y	U	U	2016-2199	CALA-16-124847	GELC
LAOI(a)-1.1	295.2	09/15/2015	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	5	—	—	1.5	µg/L	Y	U	U	2015-2337	CALA-15-103977	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	6.38	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	08/19/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	6.92	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2347	CALA-21-232063	GELC
LAOI(a)-1.1	295.2	09/01/2020	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	7.04	—	—	0.05	mg/L	Y	—	J-	N3B-2020-1683	CALA-20-199158	GELC
LAOI(a)-1.1	295.2	09/10/2019	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	6.51	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3260	CALA-19-185290	GELC
LAOI(a)-1.1	295.2	09/06/2018	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	6.75	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160738	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.84	1.45	5.55	—	pCi/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	08/19/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.676	0.997	3.55	—	pCi/L	Y	U	U	N3B-2021-2347	CALA-21-232062	GELC
LAOI(a)-1.1	295.2	09/01/2020	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.4	1.22	4.09	—	pCi/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI(a)-1.1	295.2	09/10/2019	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.22	1.17	4.53	—	pCi/L	Y	U	U	N3B-2019-3260	CALA-19-185289	GELC
LAOI(a)-1.1	295.2	09/06/2018	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.6	0.976	3.66	—	pCi/L	Y	U	U	N3B-2018-3787	CALA-18-160739	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.31	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	08/19/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.44	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-2347	CALA-21-232063	GELC
LAOI(a)-1.1	295.2	09/01/2020	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.52	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1683	CALA-20-199158	GELC
LAOI(a)-1.1	295.2	09/10/2019	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.26	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-3260	CALA-19-185290	GELC
LAOI(a)-1.1	295.2	09/06/2018	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.19	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160738	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.326	1.5	6.05	—	pCi/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	08/19/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.486	0.942	3.65	—	pCi/L	Y	U	U	N3B-2021-2347	CALA-21-232062	GELC
LAOI(a)-1.1	295.2	09/01/2020	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.19	1.44	4.76	—	pCi/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI(a)-1.1	295.2	09/10/2019	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.05	1.11	4.35	—	pCi/L	Y	U	U	N3B-2019-3260	CALA-19-185289	GELC
LAOI(a)-1.1	295.2	09/06/2018	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.97	1.09	4.41	—	pCi/L	Y	U	U	N3B-2018-3787	CALA-18-160739	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.245	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	08/19/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.189	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2347	CALA-21-232063	GELC
LAOI(a)-1.1	295.2	09/01/2020	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.0499	—	—	0.033	mg/L	Y	J	J	N3B-2020-1683	CALA-20-199158	GELC
LAOI(a)-1.1	295.2	09/10/2019	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.214	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3260	CALA-19-185290	GELC
LAOI(a)-1.1	295.2	09/06/2018	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.0498	—	—	0.033	mg/L	Y	J	J	N3B-2018-3787	CALA-18-160738	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.732	0.826	2.83	—	pCi/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	08/19/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	2.3	0.81	2.09	—	pCi/L	Y	—	J	N3B-2021-2347	CALA-21-232062	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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
LAOI(a)-1.1	295.2	09/01/2020	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.39	1.07	2.48	—	pCi/L	Y	—	NQ	N3B-2020-1683	CALA-20-199157	GELC
LAOI(a)-1.1	295.2	09/10/2019	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	14.7	2.47	2.77	—	pCi/L	Y	—	NQ	N3B-2019-3260	CALA-19-185289	GELC
LAOI(a)-1.1	295.2	09/06/2018	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	9.7	1.21	3.08	—	pCi/L	Y	—	NQ	N3B-2018-3787	CALA-18-160739	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	6.24	1.06	2.83	—	pCi/L	Y	—	NQ	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	08/19/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.32	0.958	2.7	—	pCi/L	Y	—	J	N3B-2021-2347	CALA-21-232062	GELC
LAOI(a)-1.1	295.2	09/01/2020	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.65	1.01	2.69	—	pCi/L	Y	—	NQ	N3B-2020-1683	CALA-20-199157	GELC
LAOI(a)-1.1	295.2	09/10/2019	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	19.1	1.58	2.97	—	pCi/L	Y	—	NQ	N3B-2019-3260	CALA-19-185289	GELC
LAOI(a)-1.1	295.2	09/06/2018	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	9.79	1.18	3.45	—	pCi/L	Y	—	J	N3B-2018-3787	CALA-18-160739	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	23.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	08/19/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	25.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2347	CALA-21-232063	GELC
LAOI(a)-1.1	295.2	09/01/2020	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	26.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1683	CALA-20-199158	GELC
LAOI(a)-1.1	295.2	09/10/2019	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	24.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3260	CALA-19-185290	GELC
LAOI(a)-1.1	295.2	09/06/2018	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	24.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160738	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	1.85	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	08/19/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.95	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2347	CALA-21-232063	GELC
LAOI(a)-1.1	295.2	09/01/2020	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.2	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1683	CALA-20-199158	GELC
LAOI(a)-1.1	295.2	09/10/2019	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.01	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3260	CALA-19-185290	GELC
LAOI(a)-1.1	295.2	09/06/2018	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	1.94	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160738	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.09	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	08/19/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.01	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2347	CALA-21-232063	GELC
LAOI(a)-1.1	295.2	09/01/2020	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.46	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1683	CALA-20-199158	GELC
LAOI(a)-1.1	295.2	09/10/2019	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.22	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-3260	CALA-19-185290	GELC
LAOI(a)-1.1	295.2	09/06/2018	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.17	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160738	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.3	2.66	8.4	—	pCi/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	08/19/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.05	2.34	8.11	—	pCi/L	Y	U	U	N3B-2021-2347	CALA-21-232062	GELC
LAOI(a)-1.1	295.2	09/01/2020	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.45	2.26	7.97	—	pCi/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI(a)-1.1	295.2	09/10/2019	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.54	1.97	7.53	—	pCi/L	Y	U	U	N3B-2019-3260	CALA-19-185289	GELC
LAOI(a)-1.1	295.2	09/06/2018	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.112	1.88	6.75	—	pCi/L	Y	U	U	N3B-2018-3787	CALA-18-160739	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.498	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	08/19/2021	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-2021-2347	CALA-21-232063	GELC
LAOI(a)-1.1	295.2	09/01/2020	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.62	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1683	CALA-20-199158	GELC
LAOI(a)-1.1	295.2	09/10/2019	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.46	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-3260	CALA-19-185290	GELC
LAOI(a)-1.1	295.2	09/06/2018	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.452	—	—	0.017	mg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160738	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.415	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	08/19/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.464	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2347	CALA-21-232063	GELC
LAOI(a)-1.1	295.2	09/01/2020	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.445	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1683	CALA-20-199158	GELC
LAOI(a)-1.1	295.2	09/10/2019	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.426	—	—	0.05	µg/L	Y	—	J	N3B-2019-3260	CALA-19-185290	GELC
LAOI(a)-1.1	295.2	09/06/2018	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.381	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160738	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0105	0.0064	0.0525	—	pCi/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	08/19/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0117	0.0109	0.0687	—	pCi/L	Y	U	U	N3B-2021-2347	CALA-21-232062	GELC
LAOI(a)-1.1	295.2	09/01/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00451	0.00958	0.0491	—	pCi/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI(a)-1.1	295.2	09/10/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0278	0.0145	0.0443	—	pCi/L	Y	U	U	N3B-2019-3260	CALA-19-185289	GELC
LAOI(a)-1.1	295.2	09/06/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00000000273	0.00936	0.03	—	pCi/L	Y	U	U	N3B-2018-3787	CALA-18-160739	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00784	0.00942	0.0554	—	pCi/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	08/19/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0146	0.00968	0.0714	—	pCi/L	Y	U	U	N3B-2021-2347	CALA-21-232062	GELC
LAOI(a)-1.1	295.2	09/01/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00677	0.0113	0.0664	—	pCi/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI(a)-1.1	295.2	09/10/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00253	0.011	0.0478	—	pCi/L	Y	U	U	N3B-2019-3260	CALA-19-185289	GELC
LAOI(a)-1.1	295.2	09/06/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00468	0.00992	0.0474	—	pCi/L	Y	U	U	N3B-2018-3787	CALA-18-160739	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	4.47	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	08/19/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.77	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2347	CALA-21-232063	GELC
LAOI(a)-1.1	295.2	09/01/2020	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	5.13	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1683	CALA-20-199158	GELC
LAOI(a)-1.1	295.2	09/10/2019	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	5.64	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3260	CALA-19-185290	GELC
LAOI(a)-1.1	295.2	09/06/2018	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.79	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160738	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-38.7	29.8	96.3	—	pCi/L	Y	U	UJ	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	08/19/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-33	12.8	46.9	—	pCi/L	Y	U	U	N3B-2021-2347	CALA-21-232062	GELC
LAOI(a)-1.1	295.2	09/01/2020	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	13.9	16.7	75.9	—	pCi/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI(a)-1.1	295.2	09/10/2019	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-8.96	17.7	64.7	—	pCi/L	Y	U	U	N3B-2019-3260	CALA-19-185289	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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
LAOI(a)-1.1	295.2	09/06/2018	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	24.9	25.9	40.3	—	pCi/L	Y	U	U	N3B-2018-3787	CALA-18-160739	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.509	0.224	0.649	—	pCi/L	Y	U	UJ	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	08/19/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.602	0.222	0.621	—	pCi/L	Y	U	UJ	N3B-2021-2347	CALA-21-232062	GELC
LAOI(a)-1.1	295.2	09/01/2020	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.512	0.181	0.472	—	pCi/L	Y	—	NQ	N3B-2020-1683	CALA-20-199157	GELC
LAOI(a)-1.1	295.2	05/07/2005	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0489	0.0847	0.321	—	pCi/L	Y	U	U	136186	GU05050G11L01	GELC
LAOI(a)-1.1	295.2	06/03/2004	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	8.31	4.82	11.5	—	pCi/L	Y	U	U	114323	GU04050G11L01	GELC
LAOI(a)-1.1	295.2	06/03/2004	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.143	0.0839	0.268	—	pCi/L	Y	U	U	114323	GU04050G11L01	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	2.26	0.425	—	—	pCi/L	Y	J	J	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	08/19/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.42	0.287	—	—	pCi/L	Y	—	NQ	N3B-2021-2347	CALA-21-232062	GELC
LAOI(a)-1.1	295.2	09/01/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.788	0.23	—	—	pCi/L	Y	—	NQ	N3B-2020-1683	CALA-20-199157	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	1.75	0.361	0.697	—	pCi/L	Y	—	NQ	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	08/19/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.817	0.182	0.465	—	pCi/L	Y	—	NQ	N3B-2021-2347	CALA-21-232062	GELC
LAOI(a)-1.1	295.2	09/01/2020	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.277	0.143	0.46	—	pCi/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI(a)-1.1	295.2	06/03/2004	UF	INIT	REG	RAD	EPA:901.1	Radium-228	Ra-228	N	5.27	8.97	24.7	—	pCi/L	Y	U	U	114323	GU04050G11L01	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	65	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	08/19/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2347	CALA-21-232063	GELC
LAOI(a)-1.1	295.2	09/01/2020	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1683	CALA-20-199158	GELC
LAOI(a)-1.1	295.2	09/10/2019	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3260	CALA-19-185290	GELC
LAOI(a)-1.1	295.2	09/06/2018	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160738	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	6.93	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	08/19/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	7.34	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2347	CALA-21-232063	GELC
LAOI(a)-1.1	295.2	09/01/2020	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	7.97	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1683	CALA-20-199158	GELC
LAOI(a)-1.1	295.2	09/10/2019	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	8.03	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3260	CALA-19-185290	GELC
LAOI(a)-1.1	295.2	09/06/2018	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	7.97	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160738	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.37	1.37	4.02	—	pCi/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	08/19/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.597	1.04	4.39	—	pCi/L	Y	U	U	N3B-2021-2347	CALA-21-232062	GELC
LAOI(a)-1.1	295.2	09/01/2020	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0	1.2	4.85	—	pCi/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI(a)-1.1	295.2	09/10/2019	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.00346	0.945	3.78	—	pCi/L	Y	U	U	N3B-2019-3260	CALA-19-185289	GELC
LAOI(a)-1.1	295.2	09/06/2018	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.652	1.03	3.67	—	pCi/L	Y	U	U	N3B-2018-3787	CALA-18-160739	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	102	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	08/19/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	92.9	—	—	1	µS/cm	Y	—	NQ	N3B-2021-2347	CALA-21-232063	GELC
LAOI(a)-1.1	295.2	09/01/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	103	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1683	CALA-20-199158	GELC
LAOI(a)-1.1	295.2	09/10/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	95.7	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3260	CALA-19-185290	GELC
LAOI(a)-1.1	295.2	09/06/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	97.6	—	—	1	µS/cm	Y	—	NQ	N3B-2018-3787	CALA-18-160738	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	35.9	—	—	1	µg/L	Y	—	NQ	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	08/19/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	36.3	—	—	1	µg/L	Y	—	NQ	N3B-2021-2347	CALA-21-232063	GELC
LAOI(a)-1.1	295.2	09/01/2020	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	41	—	—	1	µg/L	Y	—	NQ	N3B-2020-1683	CALA-20-199158	GELC
LAOI(a)-1.1	295.2	09/10/2019	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	37.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-3260	CALA-19-185290	GELC
LAOI(a)-1.1	295.2	09/06/2018	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	36.4	—	—	1	µg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160738	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0723	0.0844	0.282	—	pCi/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	08/19/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0976	0.143	0.486	—	pCi/L	Y	U	UJ	N3B-2021-2347	CALA-21-232062	GELC
LAOI(a)-1.1	295.2	09/01/2020	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.138	0.079	0.26	—	pCi/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI(a)-1.1	295.2	09/10/2019	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.11	0.129	0.483	—	pCi/L	Y	U	U	N3B-2019-3260	CALA-19-185289	GELC
LAOI(a)-1.1	295.2	09/06/2018	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0764	0.102	0.358	—	pCi/L	Y	U	U	N3B-2018-3787	CALA-18-160739	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.28	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	08/19/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.88	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-2347	CALA-21-232063	GELC
LAOI(a)-1.1	295.2	09/01/2020	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.37	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1683	CALA-20-199158	GELC
LAOI(a)-1.1	295.2	09/10/2019	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	4.01	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3260	CALA-19-185290	GELC
LAOI(a)-1.1	295.2	09/06/2018	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.63	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160738	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	107	—	—	2.38	mg/L	Y	—	J	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	08/19/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	113	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-2347	CALA-21-232063	GELC
LAOI(a)-1.1	295.2	09/01/2020	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	166	—	—	3.4	mg/L	Y	—	J	N3B-2020-1683	CALA-20-199158	GELC
LAOI(a)-1.1	295.2	09/10/2019	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	109	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-3260	CALA-19-185290	GELC
LAOI(a)-1.1	295.2	09/06/2018	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	109	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160738	GELC
LAOI(a)-1.1	295.2	09/14/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.105	—	—	0.02	mg/L	Y	—	NQ	N3B-2022-3194	CALA-22-258548	GELC
LAOI(a)-1.1	295.2	08/19/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0346	—	—	0.02	mg/L	Y	J	U	N3B-2021-2347	CALA-21-232063	GELC
LAOI(a)-1.1	295.2	09/01/2020	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0496	—	—	0.02	mg/L	Y	J	J	N3B-2020-1683	CALA-20-199158	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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
LAOI(a)-1.1	295.2	09/10/2019	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0631	—	—	0.02	mg/L	Y	—	NQ	N3B-2019-3260	CALA-19-185290	GELC
LAOI(a)-1.1	295.2	09/06/2018	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0356	—	—	0.02	mg/L	Y	J	U	N3B-2018-3787	CALA-18-160738	GELC
LAOI(a)-1.1	295.2	9/14/2022	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.258	0.901	2.907	–	pCi/L	Y	UQ	UJ	N3B-2022-3196	CALA-22-258547	ARSL
LAOI(a)-1.1	295.2	9/1/2020	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.832	0.854	2.629	–	pCi/L	Y	U	U	N3B-2020-1695	CALA-20-199157	ARSL
LAOI(a)-1.1	295.2	9/6/2018	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.141	0.882	2.862	–	pCi/L	Y	U	U	N3B-2018-3919	CALA-18-160739	ARSL
LAOI(a)-1.1	295.2	9/21/2017	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.722	0.722	2.377	–	pCi/L	Y	U	U	2017-2879	CALA-17-143813	ARSL
LAOI(a)-1.1	295.2	8/25/2016	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.749	0.659	2.265	–	pCi/L	Y	U	U	2016-2324	CALA-16-124847	ARSL
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.235	0.0448	0.0794	—	pCi/L	Y	—	NQ	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	08/19/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.208	0.0274	0.0736	—	pCi/L	Y	—	NQ	N3B-2021-2347	CALA-21-232062	GELC
LAOI(a)-1.1	295.2	09/01/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.301	0.0505	0.137	—	pCi/L	Y	—	NQ	N3B-2020-1683	CALA-20-199157	GELC
LAOI(a)-1.1	295.2	09/10/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.315	0.0441	0.107	—	pCi/L	Y	—	NQ	N3B-2019-3260	CALA-19-185289	GELC
LAOI(a)-1.1	295.2	09/06/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.473	0.0505	0.14	—	pCi/L	Y	—	NQ	N3B-2018-3787	CALA-18-160739	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00493	0.0178	0.0775	—	pCi/L	Y	U	U	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	08/19/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.0107	0.0118	0.0551	—	pCi/L	Y	U	U	N3B-2021-2347	CALA-21-232062	GELC
LAOI(a)-1.1	295.2	09/01/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0817	0.0292	0.0903	—	pCi/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI(a)-1.1	295.2	09/10/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0273	0.0178	0.0802	—	pCi/L	Y	U	U	N3B-2019-3260	CALA-19-185289	GELC
LAOI(a)-1.1	295.2	09/06/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0391	0.0175	0.134	—	pCi/L	Y	U	U	N3B-2018-3787	CALA-18-160739	GELC
LAOI(a)-1.1	295.2	09/14/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.271	0.0406	0.0835	—	pCi/L	Y	—	NQ	N3B-2022-3194	CALA-22-258547	GELC
LAOI(a)-1.1	295.2	08/19/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.216	0.0281	0.0724	—	pCi/L	Y	—	NQ	N3B-2021-2347	CALA-21-232062	GELC
LAOI(a)-1.1	295.2	09/01/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.308	0.0468	0.122	—	pCi/L	Y	—	NQ	N3B-2020-1683	CALA-20-199157	GELC
LAOI(a)-1.1	295.2	09/10/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.382	0.0474	0.0718	—	pCi/L	Y	—	NQ	N3B-2019-3260	CALA-19-185289	GELC
LAOI(a)-1.1	295.2	09/06/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.525	0.0519	0.0971	—	pCi/L	Y	—	NQ	N3B-2018-3787	CALA-18-160739	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.9	—	—	0.01	SU	Y	H	J	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	08/24/2021	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.9	—	—	0.01	SU	Y	H	J	N3B-2021-2369	CALA-21-232065	GELC
LAOI-3.2	153.3	09/02/2020	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.91	—	—	0.01	SU	Y	H	NQ	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2	153.3	09/05/2019	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.75	—	—	0.01	SU	Y	H	NQ	N3B-2019-3231	CALA-19-185292	GELC
LAOI-3.2	153.3	09/05/2018	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.09	—	—	0.01	SU	Y	H	NQ	N3B-2018-3761	CALA-18-160742	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	83.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	08/24/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232065	GELC
LAOI-3.2	153.3	09/02/2020	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2	153.3	09/05/2019	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3231	CALA-19-185292	GELC
LAOI-3.2	153.3	09/05/2018	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-3761	CALA-18-160742	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.037	0.0207	0.0661	—	pCi/L	Y	U	UJ	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	08/24/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0114	0.0114	0.0672	—	pCi/L	Y	U	U	N3B-2021-2369	CALA-21-232064	GELC
LAOI-3.2	153.3	09/02/2020	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0136	0.008	0.0351	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	09/05/2019	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00774	0.00908	0.0262	—	pCi/L	Y	U	U	N3B-2019-3231	CALA-19-185291	GELC
LAOI-3.2	153.3	09/05/2018	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00949	0.00707	0.0633	—	pCi/L	Y	U	U	N3B-2018-3761	CALA-18-160743	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	34.7	—	—	1	µg/L	Y	—	NQ	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	08/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	35.8	—	—	1	µg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232065	GELC
LAOI-3.2	153.3	09/02/2020	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	37	—	—	1	µg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2	153.3	09/05/2019	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	37.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-3231	CALA-19-185292	GELC
LAOI-3.2	153.3	09/05/2018	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	37.5	—	—	1	µg/L	Y	—	NQ	N3B-2018-3761	CALA-18-160742	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	1.49	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	08/24/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	1.54	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232065	GELC
LAOI-3.2	153.3	09/02/2020	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	1.47	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2	153.3	09/05/2019	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	1.6	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-3231	CALA-19-185292	GELC
LAOI-3.2	153.3	09/05/2018	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	1.52	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-3761	CALA-18-160742	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	27.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	08/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	28.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232065	GELC
LAOI-3.2	153.3	09/02/2020	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	28	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2	153.3	09/05/2019	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	26.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3231	CALA-19-185292	GELC
LAOI-3.2	153.3	09/05/2018	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	25.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3761	CALA-18-160742	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.15	1.83	6.64	—	pCi/L	Y	U	UJ	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	08/24/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.31	1.29	4.6	—	pCi/L	Y	U	U	N3B-2021-2369	CALA-21-232064	GELC
LAOI-3.2	153.3	09/02/2020	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.427	1.59	5.05	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	09/05/2019	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0409	1.06	3.79	—	pCi/L	Y	U	U	N3B-2019-3231	CALA-19-185291	GELC
LAOI-3.2	153.3	09/05/2018	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.76	1.38	3.89	—	pCi/L	Y	U	U	N3B-2018-3761	CALA-18-160743	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	34.7	—	—	0.335	mg/L	Y	—	NQ	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	08/24/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	34.6	—	—	0.335	mg/L	Y	—	J+	N3B-2021-2369	CALA-21-232065	GELC
LAOI-3.2	153.3	09/02/2020	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	31.5	—	—	0.67	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2	153.3	09/05/2019	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	32.8	—	—	0.335	mg/L	Y	—	NQ	N3B-2019-3231	CALA-19-185292	GELC
LAOI-3.2	153.3	09/05/2018	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	30.7	—	—	0.268	mg/L	Y	—	NQ	N3B-2018-3761	CALA-18-160742	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.638	1.85	7.05	—	pCi/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	08/24/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.77	1.43	6.71	—	pCi/L	Y	U	U	N3B-2021-2369	CALA-21-232064	GELC
LAOI-3.2	153.3	09/02/2020	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.969	1.14	5.08	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	09/05/2019	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.53	1.77	4.68	—	pCi/L	Y	U	U	N3B-2019-3231	CALA-19-185291	GELC
LAOI-3.2	153.3	09/05/2018	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.66	1.33	5.47	—	pCi/L	Y	U	U	N3B-2018-3761	CALA-18-160743	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.481	—	—	0.1	µg/L	Y	—	NQ	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3	—	—	3	µg/L	N	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	09/02/2020	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.502	—	—	0.1	µg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	09/02/2020	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	2.95	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	09/05/2018	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3	—	—	3	µg/L	Y	U	U	N3B-2018-3761	CALA-18-160743	GELC
LAOI-3.2	153.3	08/24/2016	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	5.49	—	—	1.65	µg/L	Y	U	U	2016-2179	CALA-16-124848	GELC
LAOI-3.2	153.3	08/24/2016	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	5.49	—	—	1.65	µg/L	Y	U	U	2016-2179	CALA-16-124828	GELC
LAOI-3.2	153.3	09/18/2015	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	5.1	—	—	1.53	µg/L	Y	U	U	2015-2357	CALA-15-103978	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	Y	3.95	1.2	2.65	—	pCi/L	Y	—	NQ	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	08/24/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.81	1.07	2.82	—	pCi/L	Y	U	UJ	N3B-2021-2369	CALA-21-232064	GELC
LAOI-3.2	153.3	09/02/2020	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0111	0.654	2.82	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	09/05/2019	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.37	0.996	2.74	—	pCi/L	Y	U	U	N3B-2019-3231	CALA-19-185291	GELC
LAOI-3.2	153.3	09/05/2018	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.61	0.818	2.48	—	pCi/L	Y	U	U	N3B-2018-3761	CALA-18-160743	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	9.97	1.29	2.8	—	pCi/L	Y	—	NQ	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	08/24/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	6.65	1.16	2.96	—	pCi/L	Y	—	U	N3B-2021-2369	CALA-21-232064	GELC
LAOI-3.2	153.3	09/02/2020	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	16.6	1.27	2.38	—	pCi/L	Y	—	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	09/05/2019	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.37	1.04	2.84	—	pCi/L	Y	—	NQ	N3B-2019-3231	CALA-19-185291	GELC
LAOI-3.2	153.3	09/05/2018	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	8.11	1.06	2.74	—	pCi/L	Y	—	NQ	N3B-2018-3761	CALA-18-160743	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	103	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	08/24/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	106	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232065	GELC
LAOI-3.2	153.3	09/02/2020	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	105	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2	153.3	09/05/2019	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	98.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3231	CALA-19-185292	GELC
LAOI-3.2	153.3	09/05/2018	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	94.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-3761	CALA-18-160742	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	8.44	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	08/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	8.43	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232065	GELC
LAOI-3.2	153.3	09/02/2020	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	8.41	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2	153.3	09/05/2019	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.78	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3231	CALA-19-185292	GELC
LAOI-3.2	153.3	09/05/2018	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.25	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-3761	CALA-18-160742	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.35	—	—	0.2	µg/L	Y	J	J	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	08/24/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.326	—	—	0.2	µg/L	Y	J	J	N3B-2021-2369	CALA-21-232065	GELC
LAOI-3.2	153.3	09/02/2020	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.385	—	—	0.2	µg/L	Y	J	J	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2	153.3	09/05/2019	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.389	—	—	0.2	µg/L	Y	J	J	N3B-2019-3231	CALA-19-185292	GELC
LAOI-3.2	153.3	09/05/2018	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.526	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-3761	CALA-18-160742	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.39	2.94	10.1	—	pCi/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	08/24/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.43	3.15	11.9	—	pCi/L	Y	U	U	N3B-2021-2369	CALA-21-232064	GELC
LAOI-3.2	153.3	09/02/2020	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.83	2.58	9.79	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	09/05/2019	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.03	1.95	6.41	—	pCi/L	Y	U	U	N3B-2019-3231	CALA-19-185291	GELC
LAOI-3.2	153.3	09/05/2018	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.86	2.34	8.8	—	pCi/L	Y	U	U	N3B-2018-3761	CALA-18-160743	GELC
LAOI-3.2	153.3	09/12/2022	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-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	08/24/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.59	—	—	0.085	mg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232065	GELC
LAOI-3.2	153.3	09/02/2020	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.64	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2	153.3	09/05/2019	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.85	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-3231	CALA-19-185292	GELC
LAOI-3.2	153.3	09/05/2018	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.33	—	—	0.085	mg/L	Y	—	NQ	N3B-2018-3761	CALA-18-160742	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	1.26	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	08/24/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	1.99	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232065	GELC
LAOI-3.2	153.3	09/02/2020	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	2.64	—	—	0.1	µg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2	153.3	09/05/2019	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	3.64	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-3231	CALA-19-185292	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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
LAOI-3.2	153.3	09/05/2018	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	4.36	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-3761	CALA-18-160742	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00775	0.0145	0.0778	—	pCi/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	08/24/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.011	0.0151	0.0648	—	pCi/L	Y	U	UJ	N3B-2021-2369	CALA-21-232064	GELC
LAOI-3.2	153.3	09/02/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00847	0.0134	0.0921	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	09/05/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0184	0.0108	0.0402	—	pCi/L	Y	U	U	N3B-2019-3231	CALA-19-185291	GELC
LAOI-3.2	153.3	09/05/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0179	0.00896	0.0287	—	pCi/L	Y	U	U	N3B-2018-3761	CALA-18-160743	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00387	0.015	0.0822	—	pCi/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	08/24/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.022	0.0129	0.0674	—	pCi/L	Y	U	UJ	N3B-2021-2369	CALA-21-232064	GELC
LAOI-3.2	153.3	09/02/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00424	0.0153	0.125	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	09/05/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0161	0.011	0.0434	—	pCi/L	Y	U	U	N3B-2019-3231	CALA-19-185291	GELC
LAOI-3.2	153.3	09/05/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00224	0.00923	0.0454	—	pCi/L	Y	U	U	N3B-2018-3761	CALA-18-160743	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	7.99	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	08/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	8.23	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232065	GELC
LAOI-3.2	153.3	09/02/2020	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	8.41	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2	153.3	09/05/2019	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	8.33	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3231	CALA-19-185292	GELC
LAOI-3.2	153.3	09/05/2018	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	7.48	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3761	CALA-18-160742	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	62.3	27.2	48.4	—	pCi/L	Y	UI	UJ	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	08/24/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-3	17.4	72.4	—	pCi/L	Y	U	UJ	N3B-2021-2369	CALA-21-232064	GELC
LAOI-3.2	153.3	09/02/2020	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	13.2	19.2	79.1	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	09/05/2019	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	14.8	24.1	34.9	—	pCi/L	Y	U	U	N3B-2019-3231	CALA-19-185291	GELC
LAOI-3.2	153.3	09/05/2018	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	1.31	19.9	29.9	—	pCi/L	Y	U	U	N3B-2018-3761	CALA-18-160743	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.494	0.169	0.344	—	pCi/L	Y	—	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	08/24/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.751	0.213	0.514	—	pCi/L	Y	—	U	N3B-2021-2369	CALA-21-232064	GELC
LAOI-3.2	153.3	09/02/2020	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.348	0.15	0.428	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	07/08/2009	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.253	0.12	0.28	—	pCi/L	Y	U	U	09-2583	CALA-09-11149	GELC
LAOI-3.2	153.3	01/15/2008	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.918	0.23	0.4	—	pCi/L	Y	—	NQ	08-512	CALA-08-9882	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	1.11	0.303	—	—	pCi/L	Y	J	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	08/24/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	1.67	0.335	—	—	pCi/L	Y	—	U	N3B-2021-2369	CALA-21-232064	GELC
LAOI-3.2	153.3	09/02/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.348	0.198	—	—	pCi/L	Y	—	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.62	0.251	0.74	—	pCi/L	Y	U	UJ	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	08/24/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.915	0.258	0.768	—	pCi/L	Y	—	U	N3B-2021-2369	CALA-21-232064	GELC
LAOI-3.2	153.3	09/02/2020	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.15	0.13	0.523	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	07/08/2009	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.777	0.31	0.91	—	pCi/L	Y	U	U	09-2583	CALA-09-11149	GELC
LAOI-3.2	153.3	01/15/2008	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.732	0.19	0.45	—	pCi/L	Y	—	NQ	08-512	CALA-08-9882	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	70.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	08/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232065	GELC
LAOI-3.2	153.3	09/02/2020	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2	153.3	09/05/2019	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3231	CALA-19-185292	GELC
LAOI-3.2	153.3	09/05/2018	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-3761	CALA-18-160742	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	16.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	08/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	16.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232065	GELC
LAOI-3.2	153.3	09/02/2020	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	17.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2	153.3	09/05/2019	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	16.7	—	—	0.1	mg/L	Y	N	J-	N3B-2019-3231	CALA-19-185292	GELC
LAOI-3.2	153.3	09/05/2018	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	16	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-3761	CALA-18-160742	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.168	1.92	7.05	—	pCi/L	Y	U	U	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	08/24/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.36	1.56	6.61	—	pCi/L	Y	U	U	N3B-2021-2369	CALA-21-232064	GELC
LAOI-3.2	153.3	09/02/2020	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.927	1.46	5.46	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	09/05/2019	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.11	0.642	2.78	—	pCi/L	Y	U	U	N3B-2019-3231	CALA-19-185291	GELC
LAOI-3.2	153.3	09/05/2018	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.98	1.35	5.59	—	pCi/L	Y	U	U	N3B-2018-3761	CALA-18-160743	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	346	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	08/24/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	347	—	—	1	µS/cm	Y	—	NQ	N3B-2021-2369	CALA-21-232065	GELC
LAOI-3.2	153.3	09/02/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	324	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2	153.3	09/05/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	290	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3231	CALA-19-185292	GELC
LAOI-3.2	153.3	09/05/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	310	—	—	1	µS/cm	Y	—	NQ	N3B-2018-3761	CALA-18-160742	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	143	—	—	1	µg/L	Y	—	NQ	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	08/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	137	—	—	1	µg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232065	GELC
LAOI-3.2	153.3	09/02/2020	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	143	—	—	1	µg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199161	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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
LAOI-3.2	153.3	09/05/2019	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	137	—	—	1	µg/L	Y	—	NQ	N3B-2019-3231	CALA-19-185292	GELC
LAOI-3.2	153.3	09/05/2018	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	129	—	—	1	µg/L	Y	—	NQ	N3B-2018-3761	CALA-18-160742	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.322	0.151	0.482	—	pCi/L	Y	U	UJ	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	08/24/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0726	0.0951	0.37	—	pCi/L	Y	U	U	N3B-2021-2369	CALA-21-232064	GELC
LAOI-3.2	153.3	09/02/2020	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.172	0.146	0.49	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	09/05/2019	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.221	0.113	0.481	—	pCi/L	Y	U	U	N3B-2019-3231	CALA-19-185291	GELC
LAOI-3.2	153.3	09/05/2018	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.1	0.0978	0.402	—	pCi/L	Y	U	U	N3B-2018-3761	CALA-18-160743	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	18	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	08/24/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	18	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232065	GELC
LAOI-3.2	153.3	09/02/2020	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	16.3	—	—	0.133	mg/L	Y	—	J+	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2	153.3	09/05/2019	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	15.1	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3231	CALA-19-185292	GELC
LAOI-3.2	153.3	09/05/2018	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	13	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-3761	CALA-18-160742	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	232	—	—	2.38	mg/L	Y	—	J	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	08/24/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	244	—	—	3.4	mg/L	Y	—	J	N3B-2021-2369	CALA-21-232065	GELC
LAOI-3.2	153.3	09/02/2020	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	369	—	—	3.4	mg/L	Y	—	J	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2	153.3	09/05/2019	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	250	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-3231	CALA-19-185292	GELC
LAOI-3.2	153.3	09/05/2018	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	219	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-3761	CALA-18-160742	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.638	—	—	0.33	mg/L	Y	J	J	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	08/24/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.725	—	—	0.33	mg/L	Y	J	J	N3B-2021-2369	CALA-21-232064	GELC
LAOI-3.2	153.3	09/02/2020	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.858	—	—	0.33	mg/L	Y	J	J	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	09/05/2019	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.879	—	—	0.33	mg/L	Y	J	J	N3B-2019-3231	CALA-19-185291	GELC
LAOI-3.2	153.3	09/05/2018	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.62	—	—	0.33	mg/L	Y	J	J	N3B-2018-3761	CALA-18-160743	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	671	86.2	119	—	pCi/L	Y	—	NQ	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	08/24/2021	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	1060	69.3	128	—	pCi/L	Y	—	NQ	N3B-2021-2369	CALA-21-232064	GELC
LAOI-3.2	153.3	09/02/2020	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	1090	70.7	140	—	pCi/L	Y	—	NQ	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	09/05/2019	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	1120	85.2	160	—	pCi/L	Y	—	NQ	N3B-2019-3231	CALA-19-185291	GELC
LAOI-3.2	153.3	09/20/2017	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	1530	83.9	158	—	pCi/L	Y	—	NQ	2017-2870	CALA-17-143814	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.95	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	08/24/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.92	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232065	GELC
LAOI-3.2	153.3	09/02/2020	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.82	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2	153.3	09/05/2019	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.74	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3231	CALA-19-185292	GELC
LAOI-3.2	153.3	09/05/2018	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.68	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-3761	CALA-18-160742	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.671	0.0634	0.0713	—	pCi/L	Y	—	NQ	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	08/24/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.602	0.0457	0.0731	—	pCi/L	Y	—	NQ	N3B-2021-2369	CALA-21-232064	GELC
LAOI-3.2	153.3	09/02/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.577	0.064	0.124	—	pCi/L	Y	—	NQ	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	09/05/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.702	0.0672	0.121	—	pCi/L	Y	—	NQ	N3B-2019-3231	CALA-19-185291	GELC
LAOI-3.2	153.3	09/05/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.872	0.0738	0.172	—	pCi/L	Y	—	NQ	N3B-2018-3761	CALA-18-160743	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0398	0.0173	0.0696	—	pCi/L	Y	U	UJ	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	08/24/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0638	0.0181	0.0547	—	pCi/L	Y	—	NQ	N3B-2021-2369	CALA-21-232064	GELC
LAOI-3.2	153.3	09/02/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0741	0.0249	0.0819	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	09/05/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0193	0.0164	0.0907	—	pCi/L	Y	U	U	N3B-2019-3231	CALA-19-185291	GELC
LAOI-3.2	153.3	09/05/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.125	0.034	0.164	—	pCi/L	Y	U	U	N3B-2018-3761	CALA-18-160743	GELC
LAOI-3.2	153.3	09/12/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.669	0.0624	0.075	—	pCi/L	Y	—	NQ	N3B-2022-3165	CALA-22-258551	GELC
LAOI-3.2	153.3	08/24/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.605	0.0436	0.0719	—	pCi/L	Y	—	NQ	N3B-2021-2369	CALA-21-232064	GELC
LAOI-3.2	153.3	09/02/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.525	0.0572	0.111	—	pCi/L	Y	—	NQ	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	09/05/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.616	0.0632	0.0812	—	pCi/L	Y	—	NQ	N3B-2019-3231	CALA-19-185291	GELC
LAOI-3.2	153.3	09/05/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.585	0.0604	0.119	—	pCi/L	Y	—	NQ	N3B-2018-3761	CALA-18-160743	GELC
LAOI-3.2	153.3	09/12/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	8.16	—	—	3.3	µg/L	Y	J	J	N3B-2022-3165	CALA-22-258552	GELC
LAOI-3.2	153.3	08/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	5.33	—	—	3.3	µg/L	Y	J	J	N3B-2021-2369	CALA-21-232065	GELC
LAOI-3.2	153.3	09/02/2020	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	10.8	—	—	3.3	µg/L	Y	J	U	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2	153.3	09/05/2019	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	4.51	—	—	3.3	µg/L	Y	J	U	N3B-2019-3231	CALA-19-185292	GELC
LAOI-3.2	153.3	09/05/2018	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	15.5	—	—	3.3	µg/L	Y	—	NQ	N3B-2018-3761	CALA-18-160742	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.13	—	—	0.01	SU	Y	H	J	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	08/12/2021	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.93	—	—	0.01	SU	Y	H	J	N3B-2021-2296	CALA-21-232108	GELC
LAOI-3.2a	181.4	09/02/2020	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.97	—	—	0.01	SU	Y	H	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-3.2a	181.4	09/11/2019	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.88	—	—	0.01	SU	Y	H	NQ	N3B-2019-3278	CALA-19-185294	GELC
LAOI-3.2a	181.4	09/06/2018	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-2018-3787	CALA-18-160749	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	88.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	08/12/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2296	CALA-21-232108	GELC
LAOI-3.2a	181.4	09/02/2020	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-3.2a	181.4	09/11/2019	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3278	CALA-19-185294	GELC
LAOI-3.2a	181.4	09/06/2018	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160749	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00871	0.00963	0.0466	—	pCi/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	08/12/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0156	0.00972	0.0461	—	pCi/L	Y	U	U	N3B-2021-2296	CALA-21-232107	GELC
LAOI-3.2a	181.4	09/02/2020	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00472	0.0111	0.0428	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	09/11/2019	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00262	0.00869	0.0355	—	pCi/L	Y	U	U	N3B-2019-3278	CALA-19-185293	GELC
LAOI-3.2a	181.4	09/06/2018	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00334	0.00746	0.0667	—	pCi/L	Y	U	U	N3B-2018-3787	CALA-18-160750	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	21.8	—	—	1	µg/L	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	08/12/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	20.8	—	—	1	µg/L	Y	—	NQ	N3B-2021-2296	CALA-21-232108	GELC
LAOI-3.2a	181.4	09/02/2020	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	21.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-3.2a	181.4	09/11/2019	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	22.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-3278	CALA-19-185294	GELC
LAOI-3.2a	181.4	09/06/2018	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	21.1	—	—	1	µg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160749	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	20.5	—	—	15	µg/L	Y	J	J	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	08/12/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	19.9	—	—	15	µg/L	Y	J	J	N3B-2021-2296	CALA-21-232108	GELC
LAOI-3.2a	181.4	09/02/2020	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	26.3	—	—	15	µg/L	Y	J	J	N3B-2020-1692	CALA-20-199165	GELC
LAOI-3.2a	181.4	09/11/2019	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	20.6	—	—	15	µg/L	Y	J	J	N3B-2019-3278	CALA-19-185294	GELC
LAOI-3.2a	181.4	09/06/2018	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	18.6	—	—	15	µg/L	Y	J	J	N3B-2018-3787	CALA-18-160749	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	1.64	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	08/12/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	1.5	—	—	0.067	mg/L	Y	—	J+	N3B-2021-2296	CALA-21-232108	GELC
LAOI-3.2a	181.4	09/02/2020	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	1.38	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-3.2a	181.4	09/11/2019	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	1.28	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-3278	CALA-19-185294	GELC
LAOI-3.2a	181.4	09/06/2018	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	1.04	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160749	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	26.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	08/12/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	26.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2296	CALA-21-232108	GELC
LAOI-3.2a	181.4	09/02/2020	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	27.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-3.2a	181.4	09/11/2019	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	26.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3278	CALA-19-185294	GELC
LAOI-3.2a	181.4	09/06/2018	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	25.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160749	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.99	1.59	3.25	—	pCi/L	Y	U	UJ	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	08/12/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.25	0.813	3	—	pCi/L	Y	U	U	N3B-2021-2296	CALA-21-232107	GELC
LAOI-3.2a	181.4	09/02/2020	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.09	1.65	3.81	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	09/11/2019	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.38	1.49	5.32	—	pCi/L	Y	U	U	N3B-2019-3278	CALA-19-185293	GELC
LAOI-3.2a	181.4	09/06/2018	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.17	1.32	4.64	—	pCi/L	Y	U	U	N3B-2018-3787	CALA-18-160750	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	28.1	—	—	0.335	mg/L	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	08/12/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	27.9	—	—	0.335	mg/L	Y	—	NQ	N3B-2021-2296	CALA-21-232108	GELC
LAOI-3.2a	181.4	09/02/2020	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	25.4	—	—	0.67	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-3.2a	181.4	09/11/2019	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	25.8	—	—	0.335	mg/L	Y	—	NQ	N3B-2019-3278	CALA-19-185294	GELC
LAOI-3.2a	181.4	09/06/2018	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	24	—	—	0.335	mg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160749	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	7.68	—	—	3	µg/L	Y	J	J	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	08/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	6.1	—	—	3	µg/L	Y	J	J	N3B-2021-2296	CALA-21-232108	GELC
LAOI-3.2a	181.4	09/02/2020	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199165	GELC
LAOI-3.2a	181.4	09/11/2019	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-3278	CALA-19-185294	GELC
LAOI-3.2a	181.4	09/06/2018	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.31	—	—	3	µg/L	Y	J	J	N3B-2018-3787	CALA-18-160749	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.305	0.774	2.76	—	pCi/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	08/12/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0522	0.953	3.61	—	pCi/L	Y	U	U	N3B-2021-2296	CALA-21-232107	GELC
LAOI-3.2a	181.4	09/02/2020	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.19	1.4	4.65	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	09/11/2019	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.375	1.58	6.05	—	pCi/L	Y	U	U	N3B-2019-3278	CALA-19-185293	GELC
LAOI-3.2a	181.4	09/06/2018	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.43	1.49	4.5	—	pCi/L	Y	U	U	N3B-2018-3787	CALA-18-160750	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.257	—	—	0.1	µg/L	Y	J	J	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	3.01	—	—	3.01	µg/L	N	U	UJ	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	09/02/2020	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.342	—	—	0.1	µg/L	Y	J	J	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	09/02/2020	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.43	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	09/06/2018	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.23	—	—	3.23	µg/L	Y	U	U	N3B-2018-3787	CALA-18-160750	GELC
LAOI-3.2a	181.4	08/30/2016	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	5	—	—	1.5	µg/L	Y	U	UJ	2016-2284	CALA-16-124849	GELC
LAOI-3.2a	181.4	09/17/2015	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	5	—	—	1.5	µg/L	Y	U	U	2015-2353	CALA-15-103979	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.301	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	08/12/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2021-2296	CALA-21-232108	GELC
LAOI-3.2a	181.4	09/02/2020	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.133	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-3.2a	181.4	09/11/2019	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.114	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3278	CALA-19-185294	GELC
LAOI-3.2a	181.4	09/06/2018	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2018-3787	CALA-18-160749	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.5	0.904	2.86	—	pCi/L	Y	U	UJ	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	08/12/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.3	0.984	2.59	—	pCi/L	Y	U	UJ	N3B-2021-2296	CALA-21-232107	GELC
LAOI-3.2a	181.4	09/02/2020	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.17	0.858	2.91	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	09/11/2019	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.75	1.04	2.75	—	pCi/L	Y	—	U	N3B-2019-3278	CALA-19-185293	GELC
LAOI-3.2a	181.4	09/06/2018	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.842	0.869	3	—	pCi/L	Y	U	U	N3B-2018-3787	CALA-18-160750	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	9.07	1.19	2.95	—	pCi/L	Y	—	NQ	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	08/12/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	10	1.26	2.8	—	pCi/L	Y	—	J	N3B-2021-2296	CALA-21-232107	GELC
LAOI-3.2a	181.4	09/02/2020	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	16.7	1.28	2.47	—	pCi/L	Y	—	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	09/11/2019	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	11.3	1.28	2.86	—	pCi/L	Y	—	NQ	N3B-2019-3278	CALA-19-185293	GELC
LAOI-3.2a	181.4	09/06/2018	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	9.61	1.08	3.08	—	pCi/L	Y	—	NQ	N3B-2018-3787	CALA-18-160750	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	89.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	08/12/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	89.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2296	CALA-21-232108	GELC
LAOI-3.2a	181.4	09/02/2020	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	91.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-3.2a	181.4	09/11/2019	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	88.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3278	CALA-19-185294	GELC
LAOI-3.2a	181.4	09/06/2018	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	85.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160749	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	Y	49.7	—	—	30	µg/L	Y	J	J	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	08/12/2021	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2021-2296	CALA-21-232108	GELC
LAOI-3.2a	181.4	09/02/2020	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199165	GELC
LAOI-3.2a	181.4	09/11/2019	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	UJ	N3B-2019-3278	CALA-19-185294	GELC
LAOI-3.2a	181.4	09/06/2018	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2018-3787	CALA-18-160749	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	Y	0.616	—	—	0.5	µg/L	Y	J	J	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	08/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	—	0.5	µg/L	Y	U	U	N3B-2021-2296	CALA-21-232108	GELC
LAOI-3.2a	181.4	09/02/2020	F	INIT	REG	Inorganic	SW-846:6020B	Lead	Pb	N	0.5	—	—	0.5	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199165	GELC
LAOI-3.2a	181.4	09/11/2019	F	INIT	REG	Inorganic	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5	µg/L	Y	U	U	N3B-2019-3278	CALA-19-185294	GELC
LAOI-3.2a	181.4	09/06/2018	F	INIT	REG	Inorganic	SW-846:6020	Lead	Pb	N	0.5	—	—	0.5	µg/L	Y	U	U	N3B-2018-3787	CALA-18-160749	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	5.72	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	08/12/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.6	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2296	CALA-21-232108	GELC
LAOI-3.2a	181.4	09/02/2020	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.8	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-3.2a	181.4	09/11/2019	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.38	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3278	CALA-19-185294	GELC
LAOI-3.2a	181.4	09/06/2018	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.23	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160749	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	23.1	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	08/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	18.4	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2296	CALA-21-232108	GELC
LAOI-3.2a	181.4	09/02/2020	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	18.2	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-3.2a	181.4	09/11/2019	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	11.5	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-3278	CALA-19-185294	GELC
LAOI-3.2a	181.4	09/06/2018	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	7.13	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160749	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.35	1.91	6.75	—	pCi/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	08/12/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.736	1.89	6.27	—	pCi/L	Y	U	U	N3B-2021-2296	CALA-21-232107	GELC
LAOI-3.2a	181.4	09/02/2020	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.867	2.67	9.68	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	09/11/2019	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.41	2.32	9.12	—	pCi/L	Y	U	U	N3B-2019-3278	CALA-19-185293	GELC
LAOI-3.2a	181.4	09/06/2018	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.15	2.03	6.99	—	pCi/L	Y	U	U	N3B-2018-3787	CALA-18-160750	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	4.37	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	08/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.789	—	—	0.6	µg/L	Y	J	J	N3B-2021-2296	CALA-21-232108	GELC
LAOI-3.2a	181.4	09/02/2020	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1	—	—	0.6	µg/L	Y	J	J	N3B-2020-1692	CALA-20-199165	GELC
LAOI-3.2a	181.4	09/11/2019	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	0.755	—	—	0.6	µg/L	Y	J	J	N3B-2019-3278	CALA-19-185294	GELC
LAOI-3.2a	181.4	09/06/2018	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2018-3787	CALA-18-160749	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.36	—	—	0.085	mg/L	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	08/12/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.61	—	—	0.085	mg/L	Y	—	NQ	N3B-2021-2296	CALA-21-232108	GELC
LAOI-3.2a	181.4	09/02/2020	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.43	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-3.2a	181.4	09/11/2019	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.54	—	—	0.085	mg/L	Y	—	NQ	N3B-2019-3278	CALA-19-185294	GELC
LAOI-3.2a	181.4	09/06/2018	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.46	—	—	0.017	mg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160749	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	1.34	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	08/12/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	1.4	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2296	CALA-21-232108	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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
LAOI-3.2a	181.4	09/02/2020	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	1.53	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-3.2a	181.4	09/11/2019	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	1.74	—	—	0.05	µg/L	Y	—	J	N3B-2019-3278	CALA-19-185294	GELC
LAOI-3.2a	181.4	09/06/2018	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	1.86	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160749	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00248	0.00894	0.0498	—	pCi/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	08/12/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.016	0.101	—	pCi/L	Y	U	UJ	N3B-2021-2296	CALA-21-232107	GELC
LAOI-3.2a	181.4	09/02/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00793	0.0142	0.0574	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	09/11/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00218	0.0095	0.0382	—	pCi/L	Y	U	U	N3B-2019-3278	CALA-19-185293	GELC
LAOI-3.2a	181.4	09/06/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00637	0.00562	0.0272	—	pCi/L	Y	U	U	N3B-2018-3787	CALA-18-160750	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0124	0.0124	0.0526	—	pCi/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	08/12/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0128	0.0128	0.105	—	pCi/L	Y	U	UJ	N3B-2021-2296	CALA-21-232107	GELC
LAOI-3.2a	181.4	09/02/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0185	0.0137	0.0778	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	09/11/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00218	0.00949	0.0412	—	pCi/L	Y	U	U	N3B-2019-3278	CALA-19-185293	GELC
LAOI-3.2a	181.4	09/06/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00637	0.00637	0.0431	—	pCi/L	Y	U	U	N3B-2018-3787	CALA-18-160750	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	10.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	08/12/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	10.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2296	CALA-21-232108	GELC
LAOI-3.2a	181.4	09/02/2020	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	10.8	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1692	CALA-20-199165	GELC
LAOI-3.2a	181.4	09/11/2019	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	10.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3278	CALA-19-185294	GELC
LAOI-3.2a	181.4	09/06/2018	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	10.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160749	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	4.61	14.3	55.3	—	pCi/L	Y	U	UJ	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	08/12/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	40.4	18.8	28.2	—	pCi/L	Y	UI	U	N3B-2021-2296	CALA-21-232107	GELC
LAOI-3.2a	181.4	09/02/2020	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-0.572	15.9	59.6	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	09/11/2019	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	21	29.1	71.6	—	pCi/L	Y	U	U	N3B-2019-3278	CALA-19-185293	GELC
LAOI-3.2a	181.4	09/06/2018	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	47.1	37.2	42.3	—	pCi/L	Y	UI	U	N3B-2018-3787	CALA-18-160750	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.432	0.159	0.398	—	pCi/L	Y	—	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	08/12/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	1.23	0.239	0.392	—	pCi/L	Y	—	NQ	N3B-2021-2296	CALA-21-232107	GELC
LAOI-3.2a	181.4	09/02/2020	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.381	0.196	0.603	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	01/08/2010	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.702	0.23	0.56	—	pCi/L	Y	—	NQ	10-1185	CALA-10-9171	GELC
LAOI-3.2a	181.4	07/08/2009	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.122	0.075	0.23	—	pCi/L	Y	U	U	09-2583	CALA-09-11150	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	1.02	0.248	—	—	pCi/L	Y	—	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	08/12/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.23	0.301	—	—	pCi/L	Y	—	NQ	N3B-2021-2296	CALA-21-232107	GELC
LAOI-3.2a	181.4	09/02/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.479	0.276	—	—	pCi/L	Y	—	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.589	0.19	0.487	—	pCi/L	Y	—	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	08/12/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.124	0.183	0.691	—	pCi/L	Y	U	U	N3B-2021-2296	CALA-21-232107	GELC
LAOI-3.2a	181.4	09/02/2020	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.098	0.193	0.688	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	01/08/2010	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.416	0.29	0.97	—	pCi/L	Y	U	U	10-1185	CALA-10-9171	GELC
LAOI-3.2a	181.4	07/08/2009	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	1.29	0.31	0.65	—	pCi/L	Y	—	NQ	09-2583	CALA-09-11150	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	68.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	08/12/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2296	CALA-21-232108	GELC
LAOI-3.2a	181.4	09/02/2020	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-3.2a	181.4	09/11/2019	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3278	CALA-19-185294	GELC
LAOI-3.2a	181.4	09/06/2018	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160749	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	15.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	08/12/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2296	CALA-21-232108	GELC
LAOI-3.2a	181.4	09/02/2020	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	16.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-3.2a	181.4	09/11/2019	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3278	CALA-19-185294	GELC
LAOI-3.2a	181.4	09/06/2018	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160749	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.909	0.888	3.07	—	pCi/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	08/12/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.105	0.732	2.82	—	pCi/L	Y	U	U	N3B-2021-2296	CALA-21-232107	GELC
LAOI-3.2a	181.4	09/02/2020	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.38	1.16	5.01	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	09/11/2019	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.8	1.69	6.22	—	pCi/L	Y	U	U	N3B-2019-3278	CALA-19-185293	GELC
LAOI-3.2a	181.4	09/06/2018	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.155	1.24	4.48	—	pCi/L	Y	U	U	N3B-2018-3787	CALA-18-160750	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	270	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	08/12/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	312	—	—	1	µS/cm	Y	—	NQ	N3B-2021-2296	CALA-21-232108	GELC
LAOI-3.2a	181.4	09/02/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	295	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-3.2a	181.4	09/11/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	267	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3278	CALA-19-185294	GELC
LAOI-3.2a	181.4	09/06/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	279	—	—	1	µS/cm	Y	—	NQ	N3B-2018-3787	CALA-18-160749	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	166	—	—	1	µg/L	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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
LAOI-3.2a	181.4	08/12/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	159	—	—	1	µg/L	Y	—	NQ	N3B-2021-2296	CALA-21-232108	GELC
LAOI-3.2a	181.4	09/02/2020	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	171	—	—	1	µg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-3.2a	181.4	09/11/2019	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	161	—	—	1	µg/L	Y	—	NQ	N3B-2019-3278	CALA-19-185294	GELC
LAOI-3.2a	181.4	09/06/2018	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	159	—	—	1	µg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160749	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.458	0.162	0.492	—	pCi/L	Y	U	UJ	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	08/12/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.193	0.138	0.457	—	pCi/L	Y	U	UJ	N3B-2021-2296	CALA-21-232107	GELC
LAOI-3.2a	181.4	09/02/2020	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.16	0.0797	0.29	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	09/11/2019	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.136	0.106	0.479	—	pCi/L	Y	U	U	N3B-2019-3278	CALA-19-185293	GELC
LAOI-3.2a	181.4	09/06/2018	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.297	0.125	0.484	—	pCi/L	Y	U	U	N3B-2018-3787	CALA-18-160750	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	16.4	—	—	0.133	mg/L	Y	—	J+	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	08/12/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	15.9	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-2296	CALA-21-232108	GELC
LAOI-3.2a	181.4	09/02/2020	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	14.3	—	—	0.133	mg/L	Y	—	J+	N3B-2020-1692	CALA-20-199165	GELC
LAOI-3.2a	181.4	09/11/2019	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	13.5	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3278	CALA-19-185294	GELC
LAOI-3.2a	181.4	09/06/2018	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	12	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160749	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	217	—	—	2.38	mg/L	Y	—	J	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	08/12/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	226	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-2296	CALA-21-232108	GELC
LAOI-3.2a	181.4	09/02/2020	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	190	—	—	3.4	mg/L	Y	—	J	N3B-2020-1692	CALA-20-199165	GELC
LAOI-3.2a	181.4	09/11/2019	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	216	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-3278	CALA-19-185294	GELC
LAOI-3.2a	181.4	09/06/2018	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	326	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160749	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.555	—	—	0.33	mg/L	Y	J	J	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	08/12/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.637	—	—	0.33	mg/L	Y	J	J	N3B-2021-2296	CALA-21-232107	GELC
LAOI-3.2a	181.4	09/02/2020	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	1.38	—	—	0.33	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	09/11/2019	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.686	—	—	0.33	mg/L	Y	J	J	N3B-2019-3278	CALA-19-185293	GELC
LAOI-3.2a	181.4	09/06/2018	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.488	—	—	0.33	mg/L	Y	J	J	N3B-2018-3787	CALA-18-160750	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	391	67.9	162	—	pCi/L	Y	—	NQ	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	08/12/2021	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	560	54.6	123	—	pCi/L	Y	—	NQ	N3B-2021-2296	CALA-21-232107	GELC
LAOI-3.2a	181.4	09/02/2020	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	672	62.3	145	—	pCi/L	Y	—	NQ	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	09/11/2019	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	603	75.6	182	—	pCi/L	Y	—	NQ	N3B-2019-3278	CALA-19-185293	GELC
LAOI-3.2a	181.4	09/06/2018	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	922	65.4	133	—	pCi/L	Y	—	NQ	N3B-2018-3787	CALA-18-160750	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.71	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	08/12/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.79	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2296	CALA-21-232108	GELC
LAOI-3.2a	181.4	09/02/2020	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.83	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-3.2a	181.4	09/11/2019	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.6	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3278	CALA-19-185294	GELC
LAOI-3.2a	181.4	09/06/2018	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.56	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160749	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.736	0.0766	0.0886	—	pCi/L	Y	—	NQ	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	08/12/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.664	0.0508	0.0887	—	pCi/L	Y	—	NQ	N3B-2021-2296	CALA-21-232107	GELC
LAOI-3.2a	181.4	09/02/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.741	0.0612	0.0986	—	pCi/L	Y	—	NQ	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	09/11/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.669	0.0577	0.0926	—	pCi/L	Y	—	NQ	N3B-2019-3278	CALA-19-185293	GELC
LAOI-3.2a	181.4	09/06/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.694	0.0594	0.138	—	pCi/L	Y	—	NQ	N3B-2018-3787	CALA-18-160750	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00363	0.0155	0.0869	—	pCi/L	Y	U	U	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	08/12/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0429	0.0182	0.0663	—	pCi/L	Y	U	UJ	N3B-2021-2296	CALA-21-232107	GELC
LAOI-3.2a	181.4	09/02/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.053	0.0189	0.065	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	09/11/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0266	0.0151	0.0694	—	pCi/L	Y	U	U	N3B-2019-3278	CALA-19-185293	GELC
LAOI-3.2a	181.4	09/06/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0859	0.0252	0.132	—	pCi/L	Y	U	U	N3B-2018-3787	CALA-18-160750	GELC
LAOI-3.2a	181.4	09/21/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.569	0.0639	0.0932	—	pCi/L	Y	—	NQ	N3B-2022-3295	CALA-22-258555	GELC
LAOI-3.2a	181.4	08/12/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.653	0.0486	0.0872	—	pCi/L	Y	—	NQ	N3B-2021-2296	CALA-21-232107	GELC
LAOI-3.2a	181.4	09/02/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.615	0.0547	0.0882	—	pCi/L	Y	—	NQ	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	09/11/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.574	0.0543	0.0621	—	pCi/L	Y	—	NQ	N3B-2019-3278	CALA-19-185293	GELC
LAOI-3.2a	181.4	09/06/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.624	0.0556	0.0958	—	pCi/L	Y	—	NQ	N3B-2018-3787	CALA-18-160750	GELC
LAOI-3.2a	181.4	09/21/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	7.08	—	—	3.3	µg/L	Y	J	J	N3B-2022-3295	CALA-22-258556	GELC
LAOI-3.2a	181.4	08/12/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.67	—	—	3.3	µg/L	Y	J	J	N3B-2021-2296	CALA-21-232108	GELC
LAOI-3.2a	181.4	09/02/2020	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	11.7	—	—	3.3	µg/L	Y	J	U	N3B-2020-1692	CALA-20-199165	GELC
LAOI-3.2a	181.4	09/11/2019	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	7.59	—	—	3.3	µg/L	Y	J	U	N3B-2019-3278	CALA-19-185294	GELC
LAOI-3.2a	181.4	09/06/2018	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5.53	—	—	3.3	µg/L	Y	J	U	N3B-2018-3787	CALA-18-160749	GELC
LAOI-7	240.0	09/23/2022	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-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	08/11/2021	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.38	—	—	0.01	SU	Y	H	J	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/26/2020	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.51	—	—	0.01	SU	Y	H	NQ	N3B-2020-1614	CALA-20-199168	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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
LAOI-7	240.0	09/17/2019	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.4	—	—	0.01	SU	Y	H	NQ	N3B-2019-3325	CALA-19-185296	GELC
LAOI-7	240.0	09/17/2018	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-2018-3897	CALA-18-160752	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	52.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	08/11/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/26/2020	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
LAOI-7	240.0	09/17/2019	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3325	CALA-19-185296	GELC
LAOI-7	240.0	09/17/2018	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160752	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00832	0.0156	0.0668	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	08/11/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0206	0.0136	0.073	—	pCi/L	Y	U	U	N3B-2021-2292	CALA-21-232068	GELC
LAOI-7	240.0	08/26/2020	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0207	0.00717	0.0366	—	pCi/L	Y	U	UJ	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	09/17/2019	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00684	0.00684	0.0309	—	pCi/L	Y	U	U	N3B-2019-3325	CALA-19-185295	GELC
LAOI-7	240.0	09/17/2018	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0107	0.00658	0.0537	—	pCi/L	Y	U	U	N3B-2018-3897	CALA-18-160753	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	25.3	—	—	1	µg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	08/11/2021	F	RE	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	25.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/11/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.7	—	—	1	µg/L	N	—	NQ	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/26/2020	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	25.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
LAOI-7	240.0	09/17/2019	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	24.2	—	—	1	µg/L	Y	—	NQ	N3B-2019-3325	CALA-19-185296	GELC
LAOI-7	240.0	09/17/2018	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	22.4	—	—	1	µg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160752	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.203	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	08/11/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.168	—	—	0.067	mg/L	Y	J	J+	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/26/2020	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.148	—	—	0.067	mg/L	Y	J	J	N3B-2020-1614	CALA-20-199168	GELC
LAOI-7	240.0	09/17/2019	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.136	—	—	0.067	mg/L	Y	J	J	N3B-2019-3325	CALA-19-185296	GELC
LAOI-7	240.0	09/17/2018	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.12	—	—	0.067	mg/L	Y	J	J	N3B-2018-3897	CALA-18-160752	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	15.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	08/11/2021	F	RE	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/11/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.3	—	—	0.05	mg/L	N	—	NQ	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/26/2020	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
LAOI-7	240.0	09/17/2019	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	15.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3325	CALA-19-185296	GELC
LAOI-7	240.0	09/17/2018	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	14.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160752	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.26	0.879	3.26	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	08/11/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.496	0.851	2.94	—	pCi/L	Y	U	U	N3B-2021-2292	CALA-21-232068	GELC
LAOI-7	240.0	08/26/2020	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.116	1.45	5.5	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	09/17/2019	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.2	1.33	4.78	—	pCi/L	Y	U	U	N3B-2019-3325	CALA-19-185295	GELC
LAOI-7	240.0	09/17/2018	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.975	0.972	3.27	—	pCi/L	Y	U	U	N3B-2018-3897	CALA-18-160753	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	27.6	—	—	0.335	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	08/11/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	27.3	—	—	0.335	mg/L	Y	—	NQ	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/26/2020	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	22.9	—	—	0.335	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
LAOI-7	240.0	09/17/2019	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	23.7	—	—	0.335	mg/L	Y	—	J+	N3B-2019-3325	CALA-19-185296	GELC
LAOI-7	240.0	09/17/2018	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	23	—	—	0.335	mg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160752	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	19.3	—	—	3	µg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	08/11/2021	F	RE	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.02	—	—	3	µg/L	N	J	J	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/11/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.2	—	—	3	µg/L	Y	J	J	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/26/2020	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199168	GELC
LAOI-7	240.0	09/17/2019	F	INIT	REG	Inorganic	SW-846:6020A	Chromium	Cr	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-3325	CALA-19-185296	GELC
LAOI-7	240.0	09/17/2018	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	N	3	—	—	3	µg/L	Y	U	U	N3B-2018-3897	CALA-18-160752	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Cobalt	Co	Y	4.06	—	—	1	µg/L	Y	J	J	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	08/11/2021	F	RE	REG	Inorganic	SW-846:6010C	Cobalt	Co	Y	5.75	—	—	1	µg/L	N	—	NQ	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/11/2021	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	Y	6.3	—	—	1	µg/L	Y	—	NQ	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/26/2020	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199168	GELC
LAOI-7	240.0	09/17/2019	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-3325	CALA-19-185296	GELC
LAOI-7	240.0	09/17/2018	F	INIT	REG	Inorganic	SW-846:6010C	Cobalt	Co	N	1	—	—	1	µg/L	Y	U	U	N3B-2018-3897	CALA-18-160752	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.607	0.907	3.27	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	08/11/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.135	0.901	3	—	pCi/L	Y	U	U	N3B-2021-2292	CALA-21-232068	GELC
LAOI-7	240.0	08/26/2020	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.25	1.95	6.9	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	09/17/2019	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0393	1.37	5.3	—	pCi/L	Y	U	U	N3B-2019-3325	CALA-19-185295	GELC
LAOI-7	240.0	09/17/2018	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.04	1.12	4.67	—	pCi/L	Y	U	U	N3B-2018-3897	CALA-18-160753	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.36	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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
LAOI-7	240.0	08/11/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.231	—	—	0.033	mg/L	Y	—	J+	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/26/2020	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.427	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
LAOI-7	240.0	09/17/2019	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.254	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3325	CALA-19-185296	GELC
LAOI-7	240.0	09/17/2018	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.249	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160752	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.0458	0.594	2.67	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	08/11/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.79	0.632	2.23	—	pCi/L	Y	U	UJ	N3B-2021-2292	CALA-21-232068	GELC
LAOI-7	240.0	08/26/2020	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.805	0.688	2.41	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	09/17/2019	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0734	0.532	2.3	—	pCi/L	Y	U	U	N3B-2019-3325	CALA-19-185295	GELC
LAOI-7	240.0	09/17/2018	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.967	0.839	2.97	—	pCi/L	Y	U	U	N3B-2018-3897	CALA-18-160753	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	3.65	0.898	2.45	—	pCi/L	Y	—	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	08/11/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.03	0.844	2.34	—	pCi/L	Y	—	J	N3B-2021-2292	CALA-21-232068	GELC
LAOI-7	240.0	08/26/2020	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.3	0.77	2.54	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	09/17/2019	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.99	0.771	2.13	—	pCi/L	Y	—	NQ	N3B-2019-3325	CALA-19-185295	GELC
LAOI-7	240.0	09/17/2018	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.33	0.821	1.9	—	pCi/L	Y	—	NQ	N3B-2018-3897	CALA-18-160753	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	67.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	08/11/2021	F	RE	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	68.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/11/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	68.7	—	—	0.453	mg/L	N	—	NQ	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/26/2020	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	73	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
LAOI-7	240.0	09/17/2019	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	67.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3325	CALA-19-185296	GELC
LAOI-7	240.0	09/17/2018	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	62.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160752	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Iron	Fe	Y	116	—	—	30	µg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	08/11/2021	F	RE	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	634	—	—	30	µg/L	N	—	NQ	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/11/2021	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	653	—	—	30	µg/L	Y	—	NQ	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/26/2020	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199168	GELC
LAOI-7	240.0	09/17/2019	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	N	30	—	—	30	µg/L	Y	U	U	N3B-2019-3325	CALA-19-185296	GELC
LAOI-7	240.0	09/17/2018	F	INIT	REG	Inorganic	SW-846:6010C	Iron	Fe	Y	61.9	—	—	30	µg/L	Y	J	J	N3B-2018-3897	CALA-18-160752	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	6.86	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	08/11/2021	F	RE	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.83	—	—	0.11	mg/L	N	—	NQ	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/11/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.83	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/26/2020	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.84	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
LAOI-7	240.0	09/17/2019	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.8	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3325	CALA-19-185296	GELC
LAOI-7	240.0	09/17/2018	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.12	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160752	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	Y	67.5	—	—	2	µg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	08/11/2021	F	RE	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	103	—	—	2	µg/L	Y	—	NQ	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/11/2021	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	101	—	—	2	µg/L	N	—	NQ	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/26/2020	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199168	GELC
LAOI-7	240.0	09/17/2019	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	2.57	—	—	2	µg/L	Y	J	J	N3B-2019-3325	CALA-19-185296	GELC
LAOI-7	240.0	09/17/2018	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	2.47	—	—	2	µg/L	Y	J	J	N3B-2018-3897	CALA-18-160752	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.02	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	08/11/2021	F	RE	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.11	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/11/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.997	—	—	0.2	µg/L	N	J	J	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/26/2020	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.22	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
LAOI-7	240.0	09/17/2019	F	INIT	REG	Inorganic	SW-846:6020A	Molybdenum	Mo	Y	1.21	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-3325	CALA-19-185296	GELC
LAOI-7	240.0	09/17/2018	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.24	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160752	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.229	1.81	6.63	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	08/11/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.2	1.76	6.82	—	pCi/L	Y	U	U	N3B-2021-2292	CALA-21-232068	GELC
LAOI-7	240.0	08/26/2020	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.94	2.8	10	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	09/17/2019	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.39	2.49	8.56	—	pCi/L	Y	U	U	N3B-2019-3325	CALA-19-185295	GELC
LAOI-7	240.0	09/17/2018	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.993	1.98	7.16	—	pCi/L	Y	U	U	N3B-2018-3897	CALA-18-160753	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	288	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	08/11/2021	F	RE	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	481	—	—	0.6	µg/L	N	—	NQ	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/11/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	502	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/26/2020	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	5.4	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
LAOI-7	240.0	09/17/2019	F	INIT	REG	Inorganic	SW-846:6020A	Nickel	Ni	Y	4.34	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-3325	CALA-19-185296	GELC
LAOI-7	240.0	09/17/2018	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	4.01	—	—	0.6	µg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160752	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.242	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	08/11/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.298	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-2292	CALA-21-232069	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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
LAOI-7	240.0	08/26/2020	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.258	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
LAOI-7	240.0	09/17/2019	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.316	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-3325	CALA-19-185296	GELC
LAOI-7	240.0	09/17/2018	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.259	—	—	0.017	mg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160752	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.565	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	08/11/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.561	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/26/2020	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.615	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
LAOI-7	240.0	09/17/2019	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.639	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3325	CALA-19-185296	GELC
LAOI-7	240.0	09/17/2018	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.671	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160752	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00216	0.00717	0.0434	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	08/11/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00867	0.00811	0.051	—	pCi/L	Y	U	U	N3B-2021-2292	CALA-21-232068	GELC
LAOI-7	240.0	08/26/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.031	0.017	0.0573	—	pCi/L	Y	U	UJ	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	09/17/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0179	0.0148	0.0627	—	pCi/L	Y	U	U	N3B-2019-3325	CALA-19-185295	GELC
LAOI-7	240.0	09/17/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.000000000629	0.00462	0.0242	—	pCi/L	Y	U	U	N3B-2018-3897	CALA-18-160753	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00432	0.00917	0.0459	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	08/11/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.013	0.00751	0.053	—	pCi/L	Y	U	U	N3B-2021-2292	CALA-21-232068	GELC
LAOI-7	240.0	08/26/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0155	0.0128	0.0575	—	pCi/L	Y	U	UJ	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	09/17/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00000000119	0.00877	0.0677	—	pCi/L	Y	U	U	N3B-2019-3325	CALA-19-185295	GELC
LAOI-7	240.0	09/17/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00377	0.00754	0.0383	—	pCi/L	Y	U	U	N3B-2018-3897	CALA-18-160753	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	5.14	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	08/11/2021	F	RE	REG	Inorganic	SW-846:6010C	Potassium	K	Y	5.09	—	—	0.05	mg/L	N	—	NQ	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/11/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	5.09	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/26/2020	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	5.23	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
LAOI-7	240.0	09/17/2019	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	5.25	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3325	CALA-19-185296	GELC
LAOI-7	240.0	09/17/2018	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.58	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160752	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	1.84	14	53.1	—	pCi/L	Y	U	UJ	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	08/11/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	2.13	13.9	49.5	—	pCi/L	Y	U	U	N3B-2021-2292	CALA-21-232068	GELC
LAOI-7	240.0	08/26/2020	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	40.7	26	73.6	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	09/17/2019	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	26.8	16.3	52.2	—	pCi/L	Y	U	U	N3B-2019-3325	CALA-19-185295	GELC
LAOI-7	240.0	09/17/2018	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	5.52	14.6	60.2	—	pCi/L	Y	U	U	N3B-2018-3897	CALA-18-160753	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.352	0.142	0.394	—	pCi/L	Y	U	UJ	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	08/11/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.87	0.207	0.397	—	pCi/L	Y	—	NQ	N3B-2021-2292	CALA-21-232068	GELC
LAOI-7	240.0	08/26/2020	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.372	0.198	0.632	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	01/14/2010	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.353	0.15	0.41	—	pCi/L	Y	U	U	10-1276	CALA-10-9165	GELC
LAOI-7	240.0	07/13/2009	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.272	0.12	0.33	—	pCi/L	Y	U	U	09-2616	CALA-09-11155	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.352	0.275	—	—	pCi/L	Y	U	UJ	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	08/11/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.15	0.28	—	—	pCi/L	Y	—	NQ	N3B-2021-2292	CALA-21-232068	GELC
LAOI-7	240.0	08/26/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.372	0.321	—	—	pCi/L	Y	—	U	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.588	0.236	0.964	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	08/11/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.28	0.188	0.629	—	pCi/L	Y	U	UJ	N3B-2021-2292	CALA-21-232068	GELC
LAOI-7	240.0	08/26/2020	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0597	0.253	0.914	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	01/14/2010	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.409	0.27	0.88	—	pCi/L	Y	U	U	10-1276	CALA-10-9165	GELC
LAOI-7	240.0	07/13/2009	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.94	0.34	0.92	—	pCi/L	Y	—	U	09-2616	CALA-09-11155	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	56.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	08/11/2021	F	RE	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	56.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/11/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	55.7	—	—	0.053	mg/L	N	—	NQ	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/26/2020	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	58.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
LAOI-7	240.0	09/17/2019	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	52.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3325	CALA-19-185296	GELC
LAOI-7	240.0	09/17/2018	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	53.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160752	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	10.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	08/11/2021	F	RE	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/11/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.9	—	—	0.1	mg/L	N	—	NQ	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/26/2020	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.4	—	—	0.1	mg/L	Y	—	J-	N3B-2020-1614	CALA-20-199168	GELC
LAOI-7	240.0	09/17/2019	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3325	CALA-19-185296	GELC
LAOI-7	240.0	09/17/2018	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160752	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.41	0.841	3.63	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	08/11/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.335	0.855	3.38	—	pCi/L	Y	U	U	N3B-2021-2292	CALA-21-232068	GELC
LAOI-7	240.0	08/26/2020	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.41	1.38	5.01	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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
LAOI-7	240.0	09/17/2019	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.227	1.07	4.2	—	pCi/L	Y	U	U	N3B-2019-3325	CALA-19-185295	GELC
LAOI-7	240.0	09/17/2018	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.238	1.54	5.18	—	pCi/L	Y	U	U	N3B-2018-3897	CALA-18-160753	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	234	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	08/11/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	230	—	—	1	µS/cm	Y	—	NQ	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/26/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	208	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
LAOI-7	240.0	09/17/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	193	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3325	CALA-19-185296	GELC
LAOI-7	240.0	09/17/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	211	—	—	1	µS/cm	Y	—	NQ	N3B-2018-3897	CALA-18-160752	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	88.8	—	—	1	µg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	08/11/2021	F	RE	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	89.7	—	—	1	µg/L	Y	—	NQ	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/11/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	87.4	—	—	1	µg/L	N	—	NQ	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/26/2020	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	96.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
LAOI-7	240.0	09/17/2019	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	87.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-3325	CALA-19-185296	GELC
LAOI-7	240.0	09/17/2018	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	79.5	—	—	1	µg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160752	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.176	0.0982	0.319	—	pCi/L	Y	U	UJ	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	08/11/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.239	0.138	0.487	—	pCi/L	Y	U	UJ	N3B-2021-2292	CALA-21-232068	GELC
LAOI-7	240.0	08/26/2020	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.288	0.129	0.496	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	09/17/2019	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.154	0.126	0.491	—	pCi/L	Y	U	U	N3B-2019-3325	CALA-19-185295	GELC
LAOI-7	240.0	09/17/2018	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.329	0.151	0.489	—	pCi/L	Y	U	U	N3B-2018-3897	CALA-18-160753	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	08/11/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.7	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/26/2020	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.7	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
LAOI-7	240.0	09/17/2019	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.4	—	—	0.665	mg/L	Y	—	NQ	N3B-2019-3325	CALA-19-185296	GELC
LAOI-7	240.0	09/17/2018	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	10.6	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160752	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	168	—	—	2.38	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	08/11/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	180	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/26/2020	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
LAOI-7	240.0	09/17/2019	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	130	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-3325	CALA-19-185296	GELC
LAOI-7	240.0	09/17/2018	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	154	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160752	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0576	—	—	0.033	mg/L	Y	J	J-	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	08/11/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2021-2292	CALA-21-232068	GELC
LAOI-7	240.0	08/26/2020	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	09/17/2019	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0682	—	—	0.033	mg/L	Y	J	U	N3B-2019-3325	CALA-19-185295	GELC
LAOI-7	240.0	09/17/2018	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0746	—	—	0.033	mg/L	Y	J	U	N3B-2018-3897	CALA-18-160753	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.6	—	—	0.33	mg/L	Y	J	J	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	08/11/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.681	—	—	0.33	mg/L	Y	J	J	N3B-2021-2292	CALA-21-232068	GELC
LAOI-7	240.0	08/26/2020	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.763	—	—	0.33	mg/L	Y	J	J	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	09/17/2019	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.802	—	—	0.33	mg/L	Y	J	J	N3B-2019-3325	CALA-19-185295	GELC
LAOI-7	240.0	09/17/2018	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.62	—	—	0.33	mg/L	Y	J	J	N3B-2018-3897	CALA-18-160753	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	300	61.2	160	—	pCi/L	Y	—	NQ	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	08/11/2021	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	491	53.4	126	—	pCi/L	Y	—	NQ	N3B-2021-2292	CALA-21-232068	GELC
LAOI-7	240.0	08/26/2020	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	550	67.3	156	—	pCi/L	Y	—	NQ	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	09/17/2019	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	362	60.5	160	—	pCi/L	Y	—	NQ	N3B-2019-3325	CALA-19-185295	GELC
LAOI-7	240.0	09/17/2018	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	446	63.6	161	—	pCi/L	Y	—	NQ	N3B-2018-3897	CALA-18-160753	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.405	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	08/11/2021	F	RE	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.495	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/11/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.435	—	—	0.067	µg/L	N	—	NQ	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/26/2020	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.576	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
LAOI-7	240.0	09/17/2019	F	INIT	REG	Inorganic	SW-846:6020A	Uranium	U	Y	0.621	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3325	CALA-19-185296	GELC
LAOI-7	240.0	09/17/2018	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.537	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160752	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.18	0.0254	0.052	—	pCi/L	Y	—	NQ	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	08/11/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.247	0.0318	0.0821	—	pCi/L	Y	—	NQ	N3B-2021-2292	CALA-21-232068	GELC
LAOI-7	240.0	08/26/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.181	0.0267	0.0557	—	pCi/L	Y	—	NQ	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	09/17/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.199	0.0265	0.0623	—	pCi/L	Y	—	NQ	N3B-2019-3325	CALA-19-185295	GELC
LAOI-7	240.0	09/17/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.328	0.0372	0.113	—	pCi/L	Y	—	NQ	N3B-2018-3897	CALA-18-160753	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0226	0.0108	0.0508	—	pCi/L	Y	U	UJ	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	08/11/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0278	0.0132	0.0614	—	pCi/L	Y	U	UJ	N3B-2021-2292	CALA-21-232068	GELC
LAOI-7	240.0	08/26/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00377	0.00652	0.0429	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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
LAOI-7	240.0	09/17/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0246	0.0106	0.0461	—	pCi/L	Y	U	U	N3B-2019-3325	CALA-19-185295	GELC
LAOI-7	240.0	09/17/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0652	0.0208	0.108	—	pCi/L	Y	U	U	N3B-2018-3897	CALA-18-160753	GELC
LAOI-7	240.0	09/23/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.152	0.0219	0.0547	—	pCi/L	Y	—	NQ	N3B-2022-3319	CALA-22-258562	GELC
LAOI-7	240.0	08/11/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.18	0.0253	0.0807	—	pCi/L	Y	—	NQ	N3B-2021-2292	CALA-21-232068	GELC
LAOI-7	240.0	08/26/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.11	0.024	0.0506	—	pCi/L	Y	—	NQ	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	09/17/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.191	0.0265	0.0414	—	pCi/L	Y	—	NQ	N3B-2019-3325	CALA-19-185295	GELC
LAOI-7	240.0	09/17/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.243	0.0329	0.0782	—	pCi/L	Y	—	NQ	N3B-2018-3897	CALA-18-160753	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	1.07	—	—	1	µg/L	Y	J	J	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	08/11/2021	F	RE	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.12	—	—	1	µg/L	Y	J	J	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/11/2021	F	RE	REG	Inorganic	SW-846:6020B	Vanadium	V	N	5.4	—	—	3.3	µg/L	N	J	U	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/11/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	N	1	—	—	1	µg/L	N	U	U	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/26/2020	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.77	—	—	1	µg/L	Y	J	J	N3B-2020-1614	CALA-20-199168	GELC
LAOI-7	240.0	09/17/2019	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.67	—	—	1	µg/L	Y	J	J	N3B-2019-3325	CALA-19-185296	GELC
LAOI-7	240.0	09/17/2018	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.44	—	—	1	µg/L	Y	J	J	N3B-2018-3897	CALA-18-160752	GELC
LAOI-7	240.0	09/23/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	11.2	—	—	3.3	µg/L	Y	J	J	N3B-2022-3319	CALA-22-258563	GELC
LAOI-7	240.0	08/11/2021	F	RE	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	17.9	—	—	3.3	µg/L	N	J	U	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/11/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	15.9	—	—	3.3	µg/L	Y	J	J	N3B-2021-2292	CALA-21-232069	GELC
LAOI-7	240.0	08/26/2020	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	7.86	—	—	3.3	µg/L	Y	J	J	N3B-2020-1614	CALA-20-199168	GELC
LAOI-7	240.0	09/17/2019	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.86	—	—	3.3	µg/L	Y	J	J	N3B-2019-3325	CALA-19-185296	GELC
LAOI-7	240.0	09/17/2018	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	7.7	—	—	3.3	µg/L	Y	J	J	N3B-2018-3897	CALA-18-160752	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.42	—	—	0.01	SU	Y	H	J	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	08/10/2021	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-2021-2277	CAPU-21-232128	GELC
R-5 S2	372.8	06/14/2021	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-2021-1836	CAPU-21-229558	GELC
R-5 S2	372.8	02/18/2021	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-2021-887	CAPU-21-218080	GELC
R-5 S2	372.8	12/09/2020	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.21	—	—	0.01	SU	Y	H	NQ	N3B-2021-567	CAPU-21-211114	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	4.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	08/10/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2021-2277	CAPU-21-232128	GELC
R-5 S2	372.8	06/14/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2021-1836	CAPU-21-229558	GELC
R-5 S2	372.8	02/18/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2021-887	CAPU-21-218080	GELC
R-5 S2	372.8	12/09/2020	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2021-567	CAPU-21-211114	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	96.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	08/10/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	97.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2277	CAPU-21-232128	GELC
R-5 S2	372.8	06/14/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	97.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-1836	CAPU-21-229558	GELC
R-5 S2	372.8	02/18/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	95.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-887	CAPU-21-218080	GELC
R-5 S2	372.8	12/09/2020	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	99.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-567	CAPU-21-211114	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.012	0.00637	0.0386	—	pCi/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	08/10/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00000000111	0.0133	0.118	—	pCi/L	Y	U	UJ	N3B-2021-2277	CAPU-21-232127	GELC
R-5 S2	372.8	09/10/2015	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00399	0.00692	0.0321	—	pCi/L	Y	U	U	2015-2327	CALA-15-103987	GELC
R-5 S2	372.8	08/14/2013	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00633	0.007	0.0177	—	pCi/L	Y	U	U	2013-1654	CALA-13-39189	GELC
R-5 S2	372.8	08/29/2012	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00276	0.00478	0.0378	—	pCi/L	Y	U	U	12-1525	CAPU-12-22840	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0183	—	—	0.017	mg/L	Y	J	J	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	08/10/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0557	—	—	0.017	mg/L	Y	—	U	N3B-2021-2277	CAPU-21-232128	GELC
R-5 S2	372.8	06/14/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2021-1836	CAPU-21-229558	GELC
R-5 S2	372.8	02/18/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0191	—	—	0.017	mg/L	Y	J	J-	N3B-2021-887	CAPU-21-218080	GELC
R-5 S2	372.8	12/09/2020	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0947	—	—	0.017	mg/L	Y	—	U	N3B-2021-567	CAPU-21-211114	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.78	—	—	2	µg/L	Y	J	J	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	08/10/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.4	—	—	2	µg/L	Y	J	J	N3B-2021-2277	CAPU-21-232128	GELC
R-5 S2	372.8	06/14/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.53	—	—	2	µg/L	Y	J	J	N3B-2021-1836	CAPU-21-229558	GELC
R-5 S2	372.8	02/18/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	4.09	—	—	2	µg/L	Y	J	J	N3B-2021-887	CAPU-21-218080	GELC
R-5 S2	372.8	12/09/2020	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	4.57	—	—	2	µg/L	Y	J	J	N3B-2021-567	CAPU-21-211114	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	183	—	—	1	µg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	08/10/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	188	—	—	1	µg/L	Y	—	NQ	N3B-2021-2277	CAPU-21-232128	GELC
R-5 S2	372.8	06/14/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	184	—	—	1	µg/L	Y	—	NQ	N3B-2021-1836	CAPU-21-229558	GELC
R-5 S2	372.8	02/18/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	202	—	—	1	µg/L	Y	—	NQ	N3B-2021-887	CAPU-21-218080	GELC
R-5 S2	372.8	12/09/2020	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	189	—	—	1	µg/L	Y	—	NQ	N3B-2021-567	CAPU-21-211114	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	23.6	—	—	15	µg/L	Y	J	J	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	08/10/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	27.1	—	—	15	µg/L	Y	J	J	N3B-2021-2277	CAPU-21-232128	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-5 S2	372.8	06/14/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	28.2	—	—	15	µg/L	Y	J	J	N3B-2021-1836	CAPU-21-229558	GELC
R-5 S2	372.8	02/18/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	30	—	—	15	µg/L	Y	J	J	N3B-2021-887	CAPU-21-218080	GELC
R-5 S2	372.8	12/09/2020	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	29.3	—	—	15	µg/L	Y	J	J	N3B-2021-567	CAPU-21-211114	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.12	—	—	0.067	mg/L	Y	J	J	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	08/10/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.133	—	—	0.067	mg/L	Y	J	J	N3B-2021-2277	CAPU-21-232128	GELC
R-5 S2	372.8	06/14/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.156	—	—	0.067	mg/L	Y	J	J	N3B-2021-1836	CAPU-21-229558	GELC
R-5 S2	372.8	02/18/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.14	—	—	0.067	mg/L	Y	J	J	N3B-2021-887	CAPU-21-218080	GELC
R-5 S2	372.8	12/09/2020	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.125	—	—	0.067	mg/L	Y	J	J	N3B-2021-567	CAPU-21-211114	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	29.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	08/10/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	31	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2277	CAPU-21-232128	GELC
R-5 S2	372.8	06/14/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	29.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1836	CAPU-21-229558	GELC
R-5 S2	372.8	02/18/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	31.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-887	CAPU-21-218080	GELC
R-5 S2	372.8	12/09/2020	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	30.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-567	CAPU-21-211114	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	4.86	3.49	8	—	pCi/L	Y	U	UJ	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	08/10/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.79	1.1	3.68	—	pCi/L	Y	U	U	N3B-2021-2277	CAPU-21-232127	GELC
R-5 S2	372.8	09/10/2015	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0544	1.32	4.71	—	pCi/L	Y	U	U	2015-2327	CALA-15-103987	GELC
R-5 S2	372.8	08/14/2013	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.23	0.908	4.94	—	pCi/L	Y	U	U	2013-1654	CALA-13-39189	GELC
R-5 S2	372.8	08/29/2012	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.227	1.73	6.33	—	pCi/L	Y	U	U	12-1525	CAPU-12-22840	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	7.99	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	08/10/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	8.47	—	—	0.067	mg/L	Y	—	J+	N3B-2021-2277	CAPU-21-232128	GELC
R-5 S2	372.8	06/14/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	8.49	—	—	0.067	mg/L	Y	—	J+	N3B-2021-1836	CAPU-21-229558	GELC
R-5 S2	372.8	02/18/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	8.62	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-887	CAPU-21-218080	GELC
R-5 S2	372.8	12/09/2020	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	8.38	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-567	CAPU-21-211114	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.91	—	—	3	µg/L	Y	J	J	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	08/10/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.67	—	—	3	µg/L	Y	J	J	N3B-2021-2277	CAPU-21-232128	GELC
R-5 S2	372.8	06/14/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.05	—	—	3	µg/L	Y	J	J	N3B-2021-1836	CAPU-21-229558	GELC
R-5 S2	372.8	02/18/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.09	—	—	3	µg/L	Y	J	J	N3B-2021-887	CAPU-21-218080	GELC
R-5 S2	372.8	12/09/2020	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.17	—	—	3	µg/L	Y	J	J	N3B-2021-567	CAPU-21-211114	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0788	2.56	9.71	—	pCi/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	08/10/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.678	1.05	3.78	—	pCi/L	Y	U	U	N3B-2021-2277	CAPU-21-232127	GELC
R-5 S2	372.8	09/10/2015	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.595	0.993	4.04	—	pCi/L	Y	U	U	2015-2327	CALA-15-103987	GELC
R-5 S2	372.8	08/14/2013	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.802	1.38	5.09	—	pCi/L	Y	U	U	2013-1654	CALA-13-39189	GELC
R-5 S2	372.8	08/29/2012	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.763	1.89	7.44	—	pCi/L	Y	U	U	12-1525	CAPU-12-22840	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	1.29	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	08/10/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	1.33	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2277	CAPU-21-232128	GELC
R-5 S2	372.8	06/14/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	1.23	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1836	CAPU-21-229558	GELC
R-5 S2	372.8	02/18/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	1.26	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-887	CAPU-21-218080	GELC
R-5 S2	372.8	12/09/2020	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	1.29	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-567	CAPU-21-211114	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.76	0.862	2.48	—	pCi/L	Y	U	UJ	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	08/10/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.52	0.81	2.41	—	pCi/L	Y	U	UJ	N3B-2021-2277	CAPU-21-232127	GELC
R-5 S2	372.8	09/10/2015	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.14	0.968	2.8	—	pCi/L	Y	U	U	2015-2327	CALA-15-103987	GELC
R-5 S2	372.8	08/14/2013	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.181	0.403	1.4	—	pCi/L	Y	U	U	2013-1654	CALA-13-39189	GELC
R-5 S2	372.8	08/29/2012	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.93	0.978	2.06	—	pCi/L	Y	—	U	12-1525	CAPU-12-22840	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	-1.35	0.741	2.89	—	pCi/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	08/10/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.43	0.874	2.64	—	pCi/L	Y	U	UJ	N3B-2021-2277	CAPU-21-232127	GELC
R-5 S2	372.8	09/10/2015	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.6	0.806	2.19	—	pCi/L	Y	—	NQ	2015-2327	CALA-15-103987	GELC
R-5 S2	372.8	08/14/2013	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.51	0.574	1.67	—	pCi/L	Y	—	J	2013-1654	CALA-13-39189	GELC
R-5 S2	372.8	08/29/2012	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	26.1	1.81	2.9	—	pCi/L	Y	—	NQ	12-1525	CAPU-12-22840	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	85.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	08/10/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	89.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2277	CAPU-21-232128	GELC
R-5 S2	372.8	06/14/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	87.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-1836	CAPU-21-229558	GELC
R-5 S2	372.8	02/18/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	92.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-887	CAPU-21-218080	GELC
R-5 S2	372.8	12/09/2020	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	88.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-567	CAPU-21-211114	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	2.94	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	08/10/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2277	CAPU-21-232128	GELC
R-5 S2	372.8	06/14/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.22	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-1836	CAPU-21-229558	GELC
R-5 S2	372.8	02/18/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.1	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-887	CAPU-21-218080	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-5 S2	372.8	12/09/2020	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.93	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-567	CAPU-21-211114	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.27	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	08/10/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.28	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2277	CAPU-21-232128	GELC
R-5 S2	372.8	06/14/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.28	—	—	0.2	µg/L	Y	—	J+	N3B-2021-1836	CAPU-21-229558	GELC
R-5 S2	372.8	02/18/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.32	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-887	CAPU-21-218080	GELC
R-5 S2	372.8	12/09/2020	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.35	—	—	0.2	µg/L	Y	—	J+	N3B-2021-567	CAPU-21-211114	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.99	3.82	14.1	—	pCi/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	08/10/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.91	2.08	6.95	—	pCi/L	Y	U	U	N3B-2021-2277	CAPU-21-232127	GELC
R-5 S2	372.8	09/10/2015	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.19	2.56	8.97	—	pCi/L	Y	U	U	2015-2327	CALA-15-103987	GELC
R-5 S2	372.8	08/14/2013	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.69	2.78	10	—	pCi/L	Y	U	U	2013-1654	CALA-13-39189	GELC
R-5 S2	372.8	08/29/2012	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.56	2.84	9.88	—	pCi/L	Y	U	U	12-1525	CAPU-12-22840	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.88	—	—	0.17	mg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	08/10/2021	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-2021-2277	CAPU-21-232128	GELC
R-5 S2	372.8	06/14/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.85	—	—	0.17	mg/L	Y	—	NQ	N3B-2021-1836	CAPU-21-229558	GELC
R-5 S2	372.8	02/18/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.86	—	—	0.17	mg/L	Y	—	NQ	N3B-2021-887	CAPU-21-218080	GELC
R-5 S2	372.8	12/09/2020	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.87	—	—	0.085	mg/L	Y	—	NQ	N3B-2021-567	CAPU-21-211114	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	1.85	—	—	0.05	µg/L	Y	H	J-	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	08/10/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	2.05	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2277	CAPU-21-232128	GELC
R-5 S2	372.8	06/14/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	2.35	—	—	0.1	µg/L	Y	—	NQ	N3B-2021-1836	CAPU-21-229558	GELC
R-5 S2	372.8	02/18/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	2.27	—	—	0.1	µg/L	Y	—	NQ	N3B-2021-887	CAPU-21-218080	GELC
R-5 S2	372.8	12/09/2020	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	2.16	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-567	CAPU-21-211114	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.002	0.00722	0.0402	—	pCi/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	08/10/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00856	0.0103	0.0672	—	pCi/L	Y	U	U	N3B-2021-2277	CAPU-21-232127	GELC
R-5 S2	372.8	09/10/2015	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00191	0.00572	0.0382	—	pCi/L	Y	U	U	2015-2327	CALA-15-103987	GELC
R-5 S2	372.8	08/14/2013	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00386	0.00669	0.0173	—	pCi/L	Y	U	U	2013-1654	CALA-13-39189	GELC
R-5 S2	372.8	08/29/2012	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00979	0.00863	0.022	—	pCi/L	Y	U	U	12-1525	CAPU-12-22840	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00633	0.0425	—	pCi/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	08/10/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00285	0.0118	0.0698	—	pCi/L	Y	U	U	N3B-2021-2277	CAPU-21-232127	GELC
R-5 S2	372.8	09/10/2015	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0286	0.00873	0.0341	—	pCi/L	Y	U	U	2015-2327	CALA-15-103987	GELC
R-5 S2	372.8	08/14/2013	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00772	0.00473	0.0259	—	pCi/L	Y	U	U	2013-1654	CALA-13-39189	GELC
R-5 S2	372.8	08/29/2012	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00326	0.00565	0.0393	—	pCi/L	Y	U	U	12-1525	CAPU-12-22840	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	4.01	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	08/10/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.17	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2277	CAPU-21-232128	GELC
R-5 S2	372.8	06/14/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.07	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1836	CAPU-21-229558	GELC
R-5 S2	372.8	02/18/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.28	—	—	0.05	mg/L	Y	—	J+	N3B-2021-887	CAPU-21-218080	GELC
R-5 S2	372.8	12/09/2020	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.11	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-567	CAPU-21-211114	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	40.4	42.2	104	—	pCi/L	Y	U	UJ	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	08/10/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	17.2	16.9	44.3	—	pCi/L	Y	U	U	N3B-2021-2277	CAPU-21-232127	GELC
R-5 S2	372.8	09/10/2015	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-9.06	16	57.4	—	pCi/L	Y	U	U	2015-2327	CALA-15-103987	GELC
R-5 S2	372.8	08/14/2013	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	16.8	15.7	63.8	—	pCi/L	Y	U	U	2013-1654	CALA-13-39189	GELC
R-5 S2	372.8	08/29/2012	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	8.8	21.9	85.5	—	pCi/L	Y	U	U	12-1525	CAPU-12-22840	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.394	0.154	0.396	—	pCi/L	Y	U	UJ	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	08/10/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	3.26	0.386	0.416	—	pCi/L	Y	—	NQ	N3B-2021-2277	CAPU-21-232127	GELC
R-5 S2	372.8	05/02/2005	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.219	0.201	0.695	—	pCi/L	Y	U	UJ	135861	GU0504G05R201	GELC
R-5 S2	372.8	09/27/2004	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	1.5	2.29	5.31	—	pCi/L	Y	U	U	122501	GU0409G05R201	GELC
R-5 S2	372.8	04/28/2004	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	Y	11.5	4.99	8.19	—	pCi/L	Y	—	R	112037	GU0404G05R201	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.394	0.314	—	—	pCi/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	08/10/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	3.26	0.43	—	—	pCi/L	Y	—	NQ	N3B-2021-2277	CAPU-21-232127	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0991	0.273	1.01	—	pCi/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	08/10/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.222	0.189	0.733	—	pCi/L	Y	U	U	N3B-2021-2277	CAPU-21-232127	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	51.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	08/10/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	51.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2277	CAPU-21-232128	GELC
R-5 S2	372.8	06/14/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	50	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-1836	CAPU-21-229558	GELC
R-5 S2	372.8	02/18/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	53	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-887	CAPU-21-218080	GELC
R-5 S2	372.8	12/09/2020	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	50.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-567	CAPU-21-211114	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	15.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	08/10/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2277	CAPU-21-232128	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-5 S2	372.8	06/14/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-1836	CAPU-21-229558	GELC
R-5 S2	372.8	02/18/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-887	CAPU-21-218080	GELC
R-5 S2	372.8	12/09/2020	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-567	CAPU-21-211114	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.74	2.72	8.99	—	pCi/L	Y	U	U	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	08/10/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.951	1.05	3.71	—	pCi/L	Y	U	U	N3B-2021-2277	CAPU-21-232127	GELC
R-5 S2	372.8	09/10/2015	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.874	1.47	4.47	—	pCi/L	Y	U	U	2015-2327	CALA-15-103987	GELC
R-5 S2	372.8	08/14/2013	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.476	1.58	5.98	—	pCi/L	Y	U	U	2013-1654	CALA-13-39189	GELC
R-5 S2	372.8	08/29/2012	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.14	1.78	7.19	—	pCi/L	Y	U	U	12-1525	CAPU-12-22840	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	243	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	08/10/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	278	—	—	1	µS/cm	Y	—	NQ	N3B-2021-2277	CAPU-21-232128	GELC
R-5 S2	372.8	06/14/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	264	—	—	1	µS/cm	Y	—	NQ	N3B-2021-1836	CAPU-21-229558	GELC
R-5 S2	372.8	02/18/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	269	—	—	1	µS/cm	Y	—	NQ	N3B-2021-887	CAPU-21-218080	GELC
R-5 S2	372.8	12/09/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	255	—	—	1	µS/cm	Y	—	NQ	N3B-2021-567	CAPU-21-211114	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	308	—	—	1	µg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	08/10/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	305	—	—	1	µg/L	Y	—	NQ	N3B-2021-2277	CAPU-21-232128	GELC
R-5 S2	372.8	06/14/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	322	—	—	1	µg/L	Y	—	NQ	N3B-2021-1836	CAPU-21-229558	GELC
R-5 S2	372.8	02/18/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	315	—	—	1	µg/L	Y	—	NQ	N3B-2021-887	CAPU-21-218080	GELC
R-5 S2	372.8	12/09/2020	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	314	—	—	1	µg/L	Y	—	NQ	N3B-2021-567	CAPU-21-211114	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.373	0.155	0.486	—	pCi/L	Y	U	UJ	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	08/10/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.233	0.147	0.486	—	pCi/L	Y	U	UJ	N3B-2021-2277	CAPU-21-232127	GELC
R-5 S2	372.8	09/10/2015	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0371	0.0855	0.337	—	pCi/L	Y	U	U	2015-2327	CALA-15-103987	GELC
R-5 S2	372.8	08/14/2013	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0214	0.138	0.475	—	pCi/L	Y	U	U	2013-1654	CALA-13-39189	GELC
R-5 S2	372.8	08/29/2012	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.168	0.0639	0.206	—	pCi/L	Y	U	U	12-1525	CAPU-12-22840	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.03	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	08/10/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.41	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-2277	CAPU-21-232128	GELC
R-5 S2	372.8	06/14/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.47	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-1836	CAPU-21-229558	GELC
R-5 S2	372.8	02/18/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.36	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-887	CAPU-21-218080	GELC
R-5 S2	372.8	12/09/2020	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	9.11	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-567	CAPU-21-211114	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	183	—	—	2.38	mg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	08/10/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	189	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-2277	CAPU-21-232128	GELC
R-5 S2	372.8	06/14/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	183	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-1836	CAPU-21-229558	GELC
R-5 S2	372.8	02/18/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	209	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-887	CAPU-21-218080	GELC
R-5 S2	372.8	12/09/2020	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	190	—	—	3.4	mg/L	Y	—	J+	N3B-2021-567	CAPU-21-211114	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0295	—	—	0.02	mg/L	Y	J	J	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	08/10/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.036	—	—	0.02	mg/L	Y	J	U	N3B-2021-2277	CAPU-21-232128	GELC
R-5 S2	372.8	06/14/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0286	—	—	0.02	mg/L	Y	J	U	N3B-2021-1836	CAPU-21-229558	GELC
R-5 S2	372.8	02/18/2021	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-2021-887	CAPU-21-218080	GELC
R-5 S2	372.8	12/09/2020	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0482	—	—	0.02	mg/L	Y	J	U	N3B-2021-567	CAPU-21-211114	GELC
R-5 S2	372.8	9/19/2022	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	6.966	1.465	3.089	–	pCi/L	Y	–	U	N3B-2022-3360	CAPU-22-258644	ARSL
R-5 S2	372.8	8/10/2021	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.611	1.027	3.284	–	pCi/L	Y	UQ	UJ	N3B-2021-2285	CAPU-21-232127	ARSL
R-5 S2	372.8	9/10/2015	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.39	0.681	2.28	–	pCi/L	Y	U	U	2015-2347	CALA-15-103987	ARSL
R-5 S2	372.8	8/14/2013	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.327	0.66	2.047	–	pCi/L	Y	U	U	2013-1707	CALA-13-39189	ARSL
R-5 S2	372.8	8/29/2012	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.186	0.704	2.235	–	pCi/L	Y	U	UJ	12-1528	CAPU-12-22840	ARSL
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	2.51	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	08/10/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	2.64	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2277	CAPU-21-232128	GELC
R-5 S2	372.8	06/14/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	2.5	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-1836	CAPU-21-229558	GELC
R-5 S2	372.8	02/18/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	2.36	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-887	CAPU-21-218080	GELC
R-5 S2	372.8	12/09/2020	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	2.74	—	—	0.067	µg/L	Y	—	J+	N3B-2021-567	CAPU-21-211114	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.32	0.101	0.0673	—	pCi/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	08/10/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.3	0.0702	0.0873	—	pCi/L	Y	—	NQ	N3B-2021-2277	CAPU-21-232127	GELC
R-5 S2	372.8	09/10/2015	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.27	0.0778	0.194	—	pCi/L	Y	—	J-	2015-2327	CALA-15-103987	GELC
R-5 S2	372.8	08/14/2013	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.11	0.0533	0.0541	—	pCi/L	Y	—	NQ	2013-1654	CALA-13-39189	GELC
R-5 S2	372.8	08/29/2012	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.16	0.0545	0.0656	—	pCi/L	Y	—	NQ	12-1525	CAPU-12-22840	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0368	0.0142	0.066	—	pCi/L	Y	U	UJ	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	08/10/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0888	0.022	0.0653	—	pCi/L	Y	—	NQ	N3B-2021-2277	CAPU-21-232127	GELC
R-5 S2	372.8	09/10/2015	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0171	0.0127	0.137	—	pCi/L	Y	U	U	2015-2327	CALA-15-103987	GELC
R-5 S2	372.8	08/14/2013	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0647	0.0154	0.0331	—	pCi/L	Y	—	NQ	2013-1654	CALA-13-39189	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-5 S2	372.8	08/29/2012	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0607	0.0155	0.0423	—	pCi/L	Y	—	NQ	12-1525	CAPU-12-22840	GELC
R-5 S2	372.8	09/19/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.8	0.0705	0.0708	—	pCi/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258644	GELC
R-5 S2	372.8	08/10/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.927	0.0573	0.0858	—	pCi/L	Y	—	NQ	N3B-2021-2277	CAPU-21-232127	GELC
R-5 S2	372.8	09/10/2015	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.874	0.0644	0.18	—	pCi/L	Y	—	J-	2015-2327	CALA-15-103987	GELC
R-5 S2	372.8	08/14/2013	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.78	0.0444	0.047	—	pCi/L	Y	—	NQ	2013-1654	CALA-13-39189	GELC
R-5 S2	372.8	08/29/2012	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.79	0.0442	0.0333	—	pCi/L	Y	—	NQ	12-1525	CAPU-12-22840	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	7.58	—	—	1	µg/L	Y	—	NQ	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	08/10/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.93	—	—	1	µg/L	Y	—	NQ	N3B-2021-2277	CAPU-21-232128	GELC
R-5 S2	372.8	06/14/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	8.06	—	—	1	µg/L	Y	—	NQ	N3B-2021-1836	CAPU-21-229558	GELC
R-5 S2	372.8	02/18/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	8.01	—	—	1	µg/L	Y	—	NQ	N3B-2021-887	CAPU-21-218080	GELC
R-5 S2	372.8	12/09/2020	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	7.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-567	CAPU-21-211114	GELC
R-5 S2	372.8	09/19/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	7.37	—	—	3.3	µg/L	Y	J	J	N3B-2022-3254	CAPU-22-258645	GELC
R-5 S2	372.8	08/10/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.94	—	—	3.3	µg/L	Y	J	J	N3B-2021-2277	CAPU-21-232128	GELC
R-5 S2	372.8	06/14/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2021-1836	CAPU-21-229558	GELC
R-5 S2	372.8	02/18/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2021-887	CAPU-21-218080	GELC
R-5 S2	372.8	12/09/2020	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	5.88	—	—	3.3	µg/L	Y	J	J	N3B-2021-567	CAPU-21-211114	GELC
R-6	1205.0	09/06/2022	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-2022-3095	CALA-22-258582	GELC
R-6	1205.0	08/26/2021	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-2021-2425	CALA-21-232077	GELC
R-6	1205.0	08/25/2020	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.35	—	—	0.01	SU	Y	H	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	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-2020-1606	CALA-20-199295	GELC
R-6	1205.0	09/09/2019	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-2019-3247	CALA-19-185306	GELC
R-6	1205.0	09/07/2018	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-2018-3815	CALA-18-160764	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	08/26/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2425	CALA-21-232077	GELC
R-6	1205.0	08/25/2020	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-6	1205.0	09/09/2019	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185306	GELC
R-6	1205.0	09/07/2018	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160764	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0535	0.0173	0.0613	—	pCi/L	Y	U	UJ	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	08/26/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00885	0.0122	0.0523	—	pCi/L	Y	U	U	N3B-2021-2425	CALA-21-232076	GELC
R-6	1205.0	08/25/2020	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0	0.0087	0.0544	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0118	0.0126	0.0523	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	09/09/2019	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.015	0.0103	0.0254	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185305	GELC
R-6	1205.0	09/07/2018	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00227	0.0068	0.0454	—	pCi/L	Y	U	U	N3B-2018-3815	CALA-18-160765	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.07	—	—	2	µg/L	Y	J	J	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	08/26/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.03	—	—	2	µg/L	Y	J	J	N3B-2021-2425	CALA-21-232077	GELC
R-6	1205.0	08/25/2020	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.92	—	—	2	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	2.73	—	—	2	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199295	GELC
R-6	1205.0	09/09/2019	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.76	—	—	2	µg/L	Y	J	J	N3B-2019-3247	CALA-19-185306	GELC
R-6	1205.0	09/07/2018	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.63	—	—	2	µg/L	Y	J	J	N3B-2018-3815	CALA-18-160764	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	17.2	—	—	1	µg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	08/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	17	—	—	1	µg/L	Y	—	NQ	N3B-2021-2425	CALA-21-232077	GELC
R-6	1205.0	08/25/2020	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	16.8	—	—	1	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	16.4	—	—	1	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-6	1205.0	09/09/2019	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	16.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185306	GELC
R-6	1205.0	09/07/2018	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	17	—	—	1	µg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160764	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	24	—	—	15	µg/L	Y	J	J	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	08/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	27	—	—	15	µg/L	Y	J	J	N3B-2021-2425	CALA-21-232077	GELC
R-6	1205.0	08/25/2020	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	31.9	—	—	15	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	29.8	—	—	15	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199295	GELC
R-6	1205.0	09/09/2019	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	41.4	—	—	15	µg/L	Y	J	U	N3B-2019-3247	CALA-19-185306	GELC
R-6	1205.0	09/07/2018	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	23.6	—	—	15	µg/L	Y	J	J	N3B-2018-3815	CALA-18-160764	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	13.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	08/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2425	CALA-21-232077	GELC
R-6	1205.0	08/25/2020	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-6	1205.0	09/09/2019	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185306	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-6	1205.0	09/07/2018	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	13.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160764	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.18	0.936	3.41	—	pCi/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	08/26/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0768	1.88	7.25	—	pCi/L	Y	U	U	N3B-2021-2425	CALA-21-232076	GELC
R-6	1205.0	08/25/2020	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.181	1.34	4.93	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.193	1.18	3.85	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	09/09/2019	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.868	1.16	4.62	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185305	GELC
R-6	1205.0	09/07/2018	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.03	0.76	2.5	—	pCi/L	Y	U	U	N3B-2018-3815	CALA-18-160765	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.84	—	—	0.067	mg/L	Y	—	J+	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	08/26/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	2.01	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-2425	CALA-21-232077	GELC
R-6	1205.0	08/25/2020	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.85	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.87	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-6	1205.0	09/09/2019	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.89	—	—	0.067	mg/L	Y	—	J+	N3B-2019-3247	CALA-19-185306	GELC
R-6	1205.0	09/07/2018	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.84	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160764	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.88	—	—	3	µg/L	Y	J	J	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	08/26/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.41	—	—	3	µg/L	Y	J	J	N3B-2021-2425	CALA-21-232077	GELC
R-6	1205.0	08/25/2020	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.42	—	—	3	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	5.45	—	—	3	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199295	GELC
R-6	1205.0	09/09/2019	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.74	—	—	3	µg/L	Y	J	J	N3B-2019-3247	CALA-19-185306	GELC
R-6	1205.0	09/07/2018	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.57	—	—	3	µg/L	Y	J	J	N3B-2018-3815	CALA-18-160764	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0682	0.942	3.67	—	pCi/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	08/26/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.57	2.33	10.4	—	pCi/L	Y	U	U	N3B-2021-2425	CALA-21-232076	GELC
R-6	1205.0	08/25/2020	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.53	1.2	5.14	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.76	1.24	5.4	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	09/09/2019	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.91	1.01	5.1	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185305	GELC
R-6	1205.0	09/07/2018	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.264	0.72	2.76	—	pCi/L	Y	U	U	N3B-2018-3815	CALA-18-160765	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.47	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	08/26/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.462	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2425	CALA-21-232077	GELC
R-6	1205.0	08/25/2020	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.381	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.383	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-6	1205.0	09/09/2019	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.46	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185306	GELC
R-6	1205.0	09/07/2018	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.277	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160764	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	-0.0501	0.657	2.81	—	pCi/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	08/26/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.143	0.454	2.21	—	pCi/L	Y	U	UJ	N3B-2021-2425	CALA-21-232076	GELC
R-6	1205.0	08/25/2020	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.257	0.629	2.96	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.06	0.802	2.76	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	09/09/2019	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.53	0.785	2.96	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185305	GELC
R-6	1205.0	09/07/2018	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.081	0.544	2.39	—	pCi/L	Y	U	U	N3B-2018-3815	CALA-18-160765	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	3.87	0.95	2.62	—	pCi/L	Y	—	NQ	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	08/26/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	21.8	1.42	2.54	—	pCi/L	Y	—	J	N3B-2021-2425	CALA-21-232076	GELC
R-6	1205.0	08/25/2020	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.2	0.715	2.36	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	2.76	0.818	2.52	—	pCi/L	Y	—	NQ	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	09/09/2019	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.477	0.815	2.82	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185305	GELC
R-6	1205.0	09/07/2018	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.13	0.835	2.79	—	pCi/L	Y	U	U	N3B-2018-3815	CALA-18-160765	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	49.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	08/26/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	49.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2425	CALA-21-232077	GELC
R-6	1205.0	08/25/2020	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	48.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	49.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-6	1205.0	09/09/2019	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	49.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185306	GELC
R-6	1205.0	09/07/2018	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	49.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160764	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	3.83	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	08/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.71	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2425	CALA-21-232077	GELC
R-6	1205.0	08/25/2020	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.95	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.03	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-6	1205.0	09/09/2019	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.92	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185306	GELC
R-6	1205.0	09/07/2018	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.72	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160764	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.69	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	08/26/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.67	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2425	CALA-21-232077	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-6	1205.0	08/25/2020	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.72	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.84	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-6	1205.0	09/09/2019	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.66	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185306	GELC
R-6	1205.0	09/07/2018	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.73	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160764	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.609	1.8	5.46	—	pCi/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	08/26/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-5.07	3.84	12.1	—	pCi/L	Y	U	U	N3B-2021-2425	CALA-21-232076	GELC
R-6	1205.0	08/25/2020	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.27	2.44	8.39	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.806	2.13	8.09	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	09/09/2019	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.73	2.01	8.35	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185305	GELC
R-6	1205.0	09/07/2018	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.182	1.66	6.15	—	pCi/L	Y	U	U	N3B-2018-3815	CALA-18-160765	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.218	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	08/26/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.262	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-2425	CALA-21-232077	GELC
R-6	1205.0	08/25/2020	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.269	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.27	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-6	1205.0	09/09/2019	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.256	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185306	GELC
R-6	1205.0	09/07/2018	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.253	—	—	0.017	mg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160764	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	4.47	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	08/26/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.293	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2425	CALA-21-232077	GELC
R-6	1205.0	08/25/2020	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.269	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.286	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-6	1205.0	09/09/2019	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.299	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185306	GELC
R-6	1205.0	09/07/2018	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.322	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160764	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00378	0.00535	0.038	—	pCi/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	08/26/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0155	0.0167	0.0732	—	pCi/L	Y	U	U	N3B-2021-2425	CALA-21-232076	GELC
R-6	1205.0	08/25/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.000000000997	0.00733	0.0552	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00537	0.00849	0.0496	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	09/09/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00908	0.00786	0.0397	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185305	GELC
R-6	1205.0	09/07/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00494	0.00494	0.0317	—	pCi/L	Y	U	U	N3B-2018-3815	CALA-18-160765	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00189	0.00824	0.0401	—	pCi/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	08/26/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00622	0.0139	0.0761	—	pCi/L	Y	U	U	N3B-2021-2425	CALA-21-232076	GELC
R-6	1205.0	08/25/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0329	0.0143	0.0554	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0376	0.0126	0.0497	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	09/09/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0159	0.0104	0.0429	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185305	GELC
R-6	1205.0	09/07/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0198	0.00924	0.0501	—	pCi/L	Y	U	U	N3B-2018-3815	CALA-18-160765	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	1.14	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	08/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.13	—	—	0.05	mg/L	Y	—	J+	N3B-2021-2425	CALA-21-232077	GELC
R-6	1205.0	08/25/2020	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.18	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	1.21	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-6	1205.0	09/09/2019	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.18	—	—	0.05	mg/L	Y	—	J+	N3B-2019-3247	CALA-19-185306	GELC
R-6	1205.0	09/07/2018	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.08	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160764	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-2.01	13.1	49.3	—	pCi/L	Y	U	UJ	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	08/26/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	3.62	25.7	107	—	pCi/L	Y	U	U	N3B-2021-2425	CALA-21-232076	GELC
R-6	1205.0	08/25/2020	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	21.6	23.8	42.1	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	4.69	13.4	37.4	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	09/09/2019	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-7.54	17.4	71.1	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185305	GELC
R-6	1205.0	09/07/2018	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-12.9	13.4	48.3	—	pCi/L	Y	U	U	N3B-2018-3815	CALA-18-160765	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.264	0.166	0.543	—	pCi/L	Y	U	UJ	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	08/26/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.644	0.204	0.474	—	pCi/L	Y	—	NQ	N3B-2021-2425	CALA-21-232076	GELC
R-6	1205.0	08/25/2020	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.765	0.16	0.325	—	pCi/L	Y	—	NQ	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.1	0.1	0.37	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	11/17/2005	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	15.4	4.24	8.8	—	pCi/L	Y	UI	R	150539	GU05110G06R01	GELC
R-6	1205.0	08/23/2005	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	8.83	2.94	8.1	—	pCi/L	Y	UI	R	144067	GU05080G06R01	GELC
R-6	1205.0	08/23/2005	UF	INIT	FD	RAD	EPA:901.1	Radium-226	Ra-226	N	1.14	4.49	8.33	—	pCi/L	Y	U	U	144067	GU05080G06R90	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.886	0.323	—	—	pCi/L	Y	U	UJ	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	08/26/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.18	0.265	—	—	pCi/L	Y	—	NQ	N3B-2021-2425	CALA-21-232076	GELC
R-6	1205.0	08/25/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.765	0.21	—	—	pCi/L	Y	—	NQ	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.216	0.19	—	—	pCi/L	Y	—	U	N3B-2020-1606	CALA-20-199294	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-6	1205.0	09/06/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.622	0.278	0.838	—	pCi/L	Y	U	UJ	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	08/26/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.54	0.169	0.482	—	pCi/L	Y	—	NQ	N3B-2021-2425	CALA-21-232076	GELC
R-6	1205.0	08/25/2020	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.323	0.135	0.582	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.116	0.162	0.57	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	78.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	08/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2425	CALA-21-232077	GELC
R-6	1205.0	08/25/2020	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-6	1205.0	09/09/2019	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185306	GELC
R-6	1205.0	09/07/2018	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160764	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	9.04	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	08/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.09	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2425	CALA-21-232077	GELC
R-6	1205.0	08/25/2020	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.47	—	—	0.1	mg/L	Y	—	J-	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	9.49	—	—	0.1	mg/L	Y	—	J-	N3B-2020-1606	CALA-20-199295	GELC
R-6	1205.0	09/09/2019	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.75	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185306	GELC
R-6	1205.0	09/07/2018	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.41	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160764	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.568	0.721	2.98	—	pCi/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	08/26/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.104	2.03	8.29	—	pCi/L	Y	U	U	N3B-2021-2425	CALA-21-232076	GELC
R-6	1205.0	08/25/2020	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.918	1.24	4.29	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0107	1.21	4.73	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	09/09/2019	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.413	1.16	4.54	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185305	GELC
R-6	1205.0	09/07/2018	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.15	0.852	3.35	—	pCi/L	Y	U	U	N3B-2018-3815	CALA-18-160765	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	150	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	08/26/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	152	—	—	1	µS/cm	Y	—	NQ	N3B-2021-2425	CALA-21-232077	GELC
R-6	1205.0	08/25/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	135	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-6	1205.0	09/09/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	117	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3247	CALA-19-185306	GELC
R-6	1205.0	09/07/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	140	—	—	1	µS/cm	Y	—	NQ	N3B-2018-3815	CALA-18-160764	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	54.3	—	—	1	µg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	08/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	52.9	—	—	1	µg/L	Y	—	NQ	N3B-2021-2425	CALA-21-232077	GELC
R-6	1205.0	08/25/2020	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	55.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	56	—	—	1	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-6	1205.0	09/09/2019	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	55	—	—	1	µg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185306	GELC
R-6	1205.0	09/07/2018	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	52.5	—	—	1	µg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160764	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.315	0.143	0.458	—	pCi/L	Y	U	UJ	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	08/26/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0546	0.142	0.488	—	pCi/L	Y	U	UJ	N3B-2021-2425	CALA-21-232076	GELC
R-6	1205.0	08/25/2020	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0802	0.14	0.492	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.2	0.146	0.49	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	09/09/2019	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.142	0.119	0.493	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185305	GELC
R-6	1205.0	09/07/2018	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.018	0.133	0.478	—	pCi/L	Y	U	U	N3B-2018-3815	CALA-18-160765	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.13	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	08/26/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.28	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-2425	CALA-21-232077	GELC
R-6	1205.0	08/25/2020	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.15	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.16	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-6	1205.0	09/09/2019	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.15	—	—	0.133	mg/L	Y	—	J+	N3B-2019-3247	CALA-19-185306	GELC
R-6	1205.0	09/07/2018	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.24	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160764	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	141	—	—	2.38	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	08/26/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	151	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-2425	CALA-21-232077	GELC
R-6	1205.0	08/25/2020	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	153	—	—	3.4	mg/L	Y	—	J	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	147	—	—	3.4	mg/L	Y	—	J	N3B-2020-1606	CALA-20-199295	GELC
R-6	1205.0	09/09/2019	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	181	—	—	3.4	mg/L	Y	—	J+	N3B-2019-3247	CALA-19-185306	GELC
R-6	1205.0	09/07/2018	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	119	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160764	GELC
R-6	1205	9/6/2022	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.014	0.847	2.762	–	pCi/L	Y	UQ	UJ	N3B-2022-3196	CALA-22-258581	ARSL
R-6	1205	8/26/2021	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.493	0.959	3.202	–	pCi/L	Y	U*	UJ	N3B-2022-118	CALA-21-232076	ARSL
R-6	1205	8/25/2020	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.337	0.962	2.895	–	pCi/L	Y	U	U	N3B-2020-1621	CALA-20-199292	ARSL
R-6	1205	8/25/2020	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.944	0.881	2.89	–	pCi/L	Y	U	U	N3B-2020-1621	CALA-20-199294	ARSL
R-6	1205	9/9/2019	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.834	0.939	2.932	–	pCi/L	Y	U	U	N3B-2019-3262	CALA-19-185305	ARSL

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-6	1205	9/7/2018	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.814	0.824	2.816	–	pCi/L	Y	U	U	N3B-2018-3919	CALA-18-160765	ARSL
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.325	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	08/26/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.291	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2425	CALA-21-232077	GELC
R-6	1205.0	08/25/2020	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.299	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.292	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-6	1205.0	09/09/2019	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.307	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185306	GELC
R-6	1205.0	09/07/2018	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.289	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160764	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.265	0.044	0.0955	—	pCi/L	Y	—	NQ	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	08/26/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.226	0.0281	0.0634	—	pCi/L	Y	—	NQ	N3B-2021-2425	CALA-21-232076	GELC
R-6	1205.0	08/25/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.281	0.0441	0.0928	—	pCi/L	Y	—	NQ	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.17	0.0354	0.0866	—	pCi/L	Y	—	NQ	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	09/09/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.176	0.0318	0.0852	—	pCi/L	Y	—	NQ	N3B-2019-3247	CALA-19-185305	GELC
R-6	1205.0	09/07/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.367	0.0437	0.131	—	pCi/L	Y	—	NQ	N3B-2018-3815	CALA-18-160765	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00000000296	0.0168	0.0933	—	pCi/L	Y	U	U	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	08/26/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0307	0.0115	0.0474	—	pCi/L	Y	U	UJ	N3B-2021-2425	CALA-21-232076	GELC
R-6	1205.0	08/25/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.0000708	0.0118	0.0725	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00674	0.012	0.0676	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	09/09/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.0000544	0.00905	0.0638	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185305	GELC
R-6	1205.0	09/07/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0732	0.0213	0.125	—	pCi/L	Y	U	U	N3B-2018-3815	CALA-18-160765	GELC
R-6	1205.0	09/06/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.072	0.0287	0.101	—	pCi/L	Y	U	UJ	N3B-2022-3095	CALA-22-258581	GELC
R-6	1205.0	08/26/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.107	0.0197	0.0623	—	pCi/L	Y	—	NQ	N3B-2021-2425	CALA-21-232076	GELC
R-6	1205.0	08/25/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.109	0.0276	0.0845	—	pCi/L	Y	—	NQ	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0745	0.0255	0.0788	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	09/09/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0858	0.0204	0.0571	—	pCi/L	Y	—	NQ	N3B-2019-3247	CALA-19-185305	GELC
R-6	1205.0	09/07/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.187	0.0312	0.091	—	pCi/L	Y	—	NQ	N3B-2018-3815	CALA-18-160765	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	9	—	—	1	µg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	08/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	9.03	—	—	1	µg/L	Y	—	NQ	N3B-2021-2425	CALA-21-232077	GELC
R-6	1205.0	08/25/2020	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	9.76	—	—	1	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	9.62	—	—	1	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-6	1205.0	09/09/2019	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	9.43	—	—	1	µg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185306	GELC
R-6	1205.0	09/07/2018	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	9.38	—	—	1	µg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160764	GELC
R-6	1205.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	4.3	—	—	3.3	µg/L	Y	J	J	N3B-2022-3095	CALA-22-258582	GELC
R-6	1205.0	08/26/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	6.16	—	—	3.3	µg/L	Y	J	J	N3B-2021-2425	CALA-21-232077	GELC
R-6	1205.0	08/25/2020	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	17.7	—	—	3.3	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	Y	6.57	—	—	3.3	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199295	GELC
R-6	1205.0	09/09/2019	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	10.6	—	—	3.3	µg/L	Y	J	J	N3B-2019-3247	CALA-19-185306	GELC
R-6	1205.0	09/07/2018	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	8.61	—	—	3.3	µg/L	Y	J	U	N3B-2018-3815	CALA-18-160764	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.27	—	—	0.01	SU	Y	H	J	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	08/23/2021	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-2021-2359	CALA-21-232085	GELC
R-64	1285.0	08/28/2020	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-2020-1635	CALA-20-199307	GELC
R-64	1285.0	09/04/2019	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-2019-3231	CALA-19-185309	GELC
R-64	1285.0	09/04/2018	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-2018-3722	CALA-18-160767	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	08/23/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2359	CALA-21-232085	GELC
R-64	1285.0	08/28/2020	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199307	GELC
R-64	1285.0	09/04/2019	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3231	CALA-19-185309	GELC
R-64	1285.0	09/04/2018	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-3722	CALA-18-160767	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00551	0.011	0.0443	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	08/23/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0279	0.011	0.062	—	pCi/L	Y	U	UJ	N3B-2021-2359	CALA-21-232084	GELC
R-64	1285.0	08/28/2020	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.022	0.0137	0.0665	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-64	1285.0	09/04/2019	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0202	0.00856	0.0273	—	pCi/L	Y	U	U	N3B-2019-3231	CALA-19-185308	GELC
R-64	1285.0	09/04/2018	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00489	0.00691	0.0489	—	pCi/L	Y	U	U	N3B-2018-3722	CALA-18-160768	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	13.5	—	—	1	µg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	08/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	13.6	—	—	1	µg/L	Y	—	NQ	N3B-2021-2359	CALA-21-232085	GELC
R-64	1285.0	08/28/2020	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	14	—	—	1	µg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199307	GELC
R-64	1285.0	09/04/2019	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	13.4	—	—	1	µg/L	Y	—	NQ	N3B-2019-3231	CALA-19-185309	GELC
R-64	1285.0	09/04/2018	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	14.4	—	—	1	µg/L	Y	—	NQ	N3B-2018-3722	CALA-18-160767	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	10.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	08/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2359	CALA-21-232085	GELC
R-64	1285.0	08/28/2020	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199307	GELC
R-64	1285.0	09/04/2019	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	9.58	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3231	CALA-19-185309	GELC
R-64	1285.0	09/04/2018	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	10.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3722	CALA-18-160767	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.55	1.97	6.82	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	08/23/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.8	1.57	6.29	—	pCi/L	Y	U	U	N3B-2021-2359	CALA-21-232084	GELC
R-64	1285.0	08/28/2020	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.719	1.42	5.56	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-64	1285.0	09/04/2019	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.73	1.37	4.84	—	pCi/L	Y	U	U	N3B-2019-3231	CALA-19-185308	GELC
R-64	1285.0	09/04/2018	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.894	0.531	1.74	—	pCi/L	Y	U	U	N3B-2018-3722	CALA-18-160768	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.32	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	08/23/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.6	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-2359	CALA-21-232085	GELC
R-64	1285.0	08/28/2020	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.55	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199307	GELC
R-64	1285.0	09/04/2019	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.31	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-3231	CALA-19-185309	GELC
R-64	1285.0	09/04/2018	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.32	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-3722	CALA-18-160767	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.385	1.36	5.34	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	08/23/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.961	1.5	6.36	—	pCi/L	Y	U	U	N3B-2021-2359	CALA-21-232084	GELC
R-64	1285.0	08/28/2020	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0386	0.916	3.89	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-64	1285.0	09/04/2019	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.307	1.37	5	—	pCi/L	Y	U	U	N3B-2019-3231	CALA-19-185308	GELC
R-64	1285.0	09/04/2018	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.209	0.582	1.85	—	pCi/L	Y	U	U	N3B-2018-3722	CALA-18-160768	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.533	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	08/23/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.419	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2359	CALA-21-232085	GELC
R-64	1285.0	08/28/2020	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.482	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199307	GELC
R-64	1285.0	09/04/2019	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.391	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3231	CALA-19-185309	GELC
R-64	1285.0	09/04/2018	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.381	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-3722	CALA-18-160767	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	-0.498	0.457	2.49	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	08/23/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.45	0.675	2.63	—	pCi/L	Y	U	U	N3B-2021-2359	CALA-21-232084	GELC
R-64	1285.0	08/28/2020	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0806	0.723	2.99	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-64	1285.0	09/04/2019	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.94	0.933	2.84	—	pCi/L	Y	U	U	N3B-2019-3231	CALA-19-185308	GELC
R-64	1285.0	09/04/2018	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.674	0.772	2.9	—	pCi/L	Y	U	U	N3B-2018-3722	CALA-18-160768	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	0.851	0.631	2.12	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	08/23/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.32	0.759	2.64	—	pCi/L	Y	U	UJ	N3B-2021-2359	CALA-21-232084	GELC
R-64	1285.0	08/28/2020	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.01	0.965	2.89	—	pCi/L	Y	—	NQ	N3B-2020-1635	CALA-20-199306	GELC
R-64	1285.0	09/04/2019	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.82	0.797	2.56	—	pCi/L	Y	U	U	N3B-2019-3231	CALA-19-185308	GELC
R-64	1285.0	09/04/2018	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.27	0.609	1.97	—	pCi/L	Y	U	U	N3B-2018-3722	CALA-18-160768	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	36.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	08/23/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	36.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2359	CALA-21-232085	GELC
R-64	1285.0	08/28/2020	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	38.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199307	GELC
R-64	1285.0	09/04/2019	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	35.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3231	CALA-19-185309	GELC
R-64	1285.0	09/04/2018	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	36.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-3722	CALA-18-160767	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	2.68	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	08/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.64	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2359	CALA-21-232085	GELC
R-64	1285.0	08/28/2020	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.79	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199307	GELC
R-64	1285.0	09/04/2019	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.75	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3231	CALA-19-185309	GELC
R-64	1285.0	09/04/2018	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.66	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-3722	CALA-18-160767	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.397	—	—	0.2	µg/L	Y	J	J	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	08/23/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.519	—	—	0.2	µg/L	Y	J	J	N3B-2021-2359	CALA-21-232085	GELC
R-64	1285.0	08/28/2020	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.565	—	—	0.2	µg/L	Y	J	J	N3B-2020-1635	CALA-20-199307	GELC
R-64	1285.0	09/04/2019	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.497	—	—	0.2	µg/L	Y	J	J	N3B-2019-3231	CALA-19-185309	GELC
R-64	1285.0	09/04/2018	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	0.543	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-3722	CALA-18-160767	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.79	2.71	9.11	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	08/23/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.624	2.78	10.1	—	pCi/L	Y	U	U	N3B-2021-2359	CALA-21-232084	GELC
R-64	1285.0	08/28/2020	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.01	2.62	9.6	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-64	1285.0	09/04/2019	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.02	1.9	7.47	—	pCi/L	Y	U	U	N3B-2019-3231	CALA-19-185308	GELC
R-64	1285.0	09/04/2018	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.62	1.23	3.46	—	pCi/L	Y	U	U	N3B-2018-3722	CALA-18-160768	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.132	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	08/23/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.149	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-2359	CALA-21-232085	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-64	1285.0	08/28/2020	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.161	—	—	0.017	mg/L	Y	—	U	N3B-2020-1635	CALA-20-199307	GELC
R-64	1285.0	09/04/2019	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.143	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-3231	CALA-19-185309	GELC
R-64	1285.0	09/04/2018	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.147	—	—	0.017	mg/L	Y	—	NQ	N3B-2018-3722	CALA-18-160767	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.2	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	08/23/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.203	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2359	CALA-21-232085	GELC
R-64	1285.0	08/28/2020	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.216	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199307	GELC
R-64	1285.0	09/04/2019	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.214	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3231	CALA-19-185309	GELC
R-64	1285.0	09/04/2018	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.221	—	—	0.05	µg/L	Y	—	J-	N3B-2018-3722	CALA-18-160767	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0108	0.0132	0.108	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	08/23/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0196	0.0068	0.0462	—	pCi/L	Y	U	U	N3B-2021-2359	CALA-21-232084	GELC
R-64	1285.0	08/28/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00882	0.0513	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-64	1285.0	09/04/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00000000269	0.00922	0.0404	—	pCi/L	Y	U	U	N3B-2019-3231	CALA-19-185308	GELC
R-64	1285.0	09/04/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00841	0.0111	0.0269	—	pCi/L	Y	U	U	N3B-2018-3722	CALA-18-160768	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0108	0.017	0.114	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	08/23/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0275	0.00833	0.048	—	pCi/L	Y	U	UJ	N3B-2021-2359	CALA-21-232084	GELC
R-64	1285.0	08/28/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0165	0.00972	0.0694	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-64	1285.0	09/04/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00461	0.0108	0.0435	—	pCi/L	Y	U	U	N3B-2019-3231	CALA-19-185308	GELC
R-64	1285.0	09/04/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0147	0.0101	0.0426	—	pCi/L	Y	U	U	N3B-2018-3722	CALA-18-160768	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	1.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	08/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.06	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2359	CALA-21-232085	GELC
R-64	1285.0	08/28/2020	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.18	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1635	CALA-20-199307	GELC
R-64	1285.0	09/04/2019	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.07	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3231	CALA-19-185309	GELC
R-64	1285.0	09/04/2018	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.11	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3722	CALA-18-160767	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-4.47	23.6	85.5	—	pCi/L	Y	U	UJ	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	08/23/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	15.2	24.8	93	—	pCi/L	Y	U	U	N3B-2021-2359	CALA-21-232084	GELC
R-64	1285.0	08/28/2020	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-7.93	18.6	66.9	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-64	1285.0	09/04/2019	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-18	13.6	52.4	—	pCi/L	Y	U	U	N3B-2019-3231	CALA-19-185308	GELC
R-64	1285.0	09/04/2018	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	21.7	11.6	15.3	—	pCi/L	Y	UI	U	N3B-2018-3722	CALA-18-160768	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.186	0.136	0.459	—	pCi/L	Y	U	UJ	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	08/23/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.647	0.188	0.413	—	pCi/L	Y	—	NQ	N3B-2021-2359	CALA-21-232084	GELC
R-64	1285.0	08/28/2020	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.634	0.181	0.347	—	pCi/L	Y	—	NQ	N3B-2020-1635	CALA-20-199306	GELC
R-64	1285.0	12/08/2011	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.825	0.18	0.21	—	pCi/L	Y	—	NQ	12-491	CALA-12-1766	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.243	0.244	—	—	pCi/L	Y	U	UJ	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	08/23/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.48	0.304	—	—	pCi/L	Y	—	NQ	N3B-2021-2359	CALA-21-232084	GELC
R-64	1285.0	08/28/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.886	0.261	—	—	pCi/L	Y	—	NQ	N3B-2020-1635	CALA-20-199306	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.0563	0.202	0.735	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	08/23/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.833	0.24	0.721	—	pCi/L	Y	—	NQ	N3B-2021-2359	CALA-21-232084	GELC
R-64	1285.0	08/28/2020	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.252	0.187	0.631	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-64	1285.0	12/08/2011	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.551	0.17	0.42	—	pCi/L	Y	—	NQ	12-491	CALA-12-1766	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	64.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	08/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2359	CALA-21-232085	GELC
R-64	1285.0	08/28/2020	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199307	GELC
R-64	1285.0	09/04/2019	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	61.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3231	CALA-19-185309	GELC
R-64	1285.0	09/04/2018	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-3722	CALA-18-160767	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	08/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	10.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2359	CALA-21-232085	GELC
R-64	1285.0	08/28/2020	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.1	—	—	0.1	mg/L	Y	N	NQ	N3B-2020-1635	CALA-20-199307	GELC
R-64	1285.0	09/04/2019	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.6	—	—	0.1	mg/L	Y	N	J-	N3B-2019-3231	CALA-19-185309	GELC
R-64	1285.0	09/04/2018	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-3722	CALA-18-160767	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.396	1.42	5.88	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	08/23/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.39	1.68	5.69	—	pCi/L	Y	U	U	N3B-2021-2359	CALA-21-232084	GELC
R-64	1285.0	08/28/2020	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.48	1.52	4.92	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-64	1285.0	09/04/2019	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.06	1.17	2.8	—	pCi/L	Y	U	U	N3B-2019-3231	CALA-19-185308	GELC
R-64	1285.0	09/04/2018	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.127	0.537	1.9	—	pCi/L	Y	U	U	N3B-2018-3722	CALA-18-160768	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	126	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	08/23/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	120	—	—	1	µS/cm	Y	—	NQ	N3B-2021-2359	CALA-21-232085	GELC
R-64	1285.0	08/28/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	123	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1635	CALA-20-199307	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-64	1285.0	09/04/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	103	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3231	CALA-19-185309	GELC
R-64	1285.0	09/04/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	124	—	—	1	µS/cm	Y	—	NQ	N3B-2018-3722	CALA-18-160767	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	51.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	08/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	49.6	—	—	1	µg/L	Y	—	NQ	N3B-2021-2359	CALA-21-232085	GELC
R-64	1285.0	08/28/2020	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	50.5	—	—	1	µg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199307	GELC
R-64	1285.0	09/04/2019	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	51.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-3231	CALA-19-185309	GELC
R-64	1285.0	09/04/2018	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	53.3	—	—	1	µg/L	Y	—	NQ	N3B-2018-3722	CALA-18-160767	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	Y	0.632	0.17	0.491	—	pCi/L	Y	—	NQ	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	08/23/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0731	0.143	0.49	—	pCi/L	Y	U	UJ	N3B-2021-2359	CALA-21-232084	GELC
R-64	1285.0	08/28/2020	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.152	0.141	0.486	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-64	1285.0	09/04/2019	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.168	0.128	0.434	—	pCi/L	Y	U	U	N3B-2019-3231	CALA-19-185308	GELC
R-64	1285.0	09/04/2018	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0686	0.139	0.524	—	pCi/L	Y	U	U	N3B-2018-3722	CALA-18-160768	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.44	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	08/23/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.61	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-2359	CALA-21-232085	GELC
R-64	1285.0	08/28/2020	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.6	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199307	GELC
R-64	1285.0	09/04/2019	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.58	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3231	CALA-19-185309	GELC
R-64	1285.0	09/04/2018	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.88	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-3722	CALA-18-160767	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	113	—	—	2.38	mg/L	Y	—	J	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	08/23/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	123	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-2359	CALA-21-232085	GELC
R-64	1285.0	08/28/2020	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	156	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199307	GELC
R-64	1285.0	09/04/2019	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	97.1	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-3231	CALA-19-185309	GELC
R-64	1285.0	09/04/2018	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	129	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-3722	CALA-18-160767	GELC
R-64	1285	9/22/2022	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.945	0.862	2.823	–	pCi/L	Y	U	UJ	N3B-2022-3360	CALA-22-258626	ARSL
R-64	1285	8/23/2021	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	30.94	4.817	2.894	–	pCi/L	Y	–	NQ	N3B-2021-2414	CALA-21-232084	ARSL
R-64	1285	8/28/2020	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.192	0.831	2.679	–	pCi/L	Y	U	U	N3B-2020-1695	CALA-20-199306	ARSL
R-64	1285	9/4/2019	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.784	0.945	2.963	–	pCi/L	Y	U	U	N3B-2019-3262	CALA-19-185308	ARSL
R-64	1285	9/4/2018	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.471	0.816	2.793	–	pCi/L	Y	U	U	N3B-2018-3766	CALA-18-160768	ARSL
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.576	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	08/23/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.585	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2359	CALA-21-232085	GELC
R-64	1285.0	08/28/2020	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.602	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199307	GELC
R-64	1285.0	09/04/2019	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.59	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3231	CALA-19-185309	GELC
R-64	1285.0	09/04/2018	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.645	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-3722	CALA-18-160767	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.401	0.0481	0.0702	—	pCi/L	Y	—	NQ	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	08/23/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.352	0.0367	0.073	—	pCi/L	Y	—	NQ	N3B-2021-2359	CALA-21-232084	GELC
R-64	1285.0	08/28/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.429	0.0507	0.103	—	pCi/L	Y	—	NQ	N3B-2020-1635	CALA-20-199306	GELC
R-64	1285.0	09/04/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.487	0.047	0.0838	—	pCi/L	Y	—	NQ	N3B-2019-3231	CALA-19-185308	GELC
R-64	1285.0	09/04/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.506	0.0579	0.18	—	pCi/L	Y	—	J	N3B-2018-3722	CALA-18-160768	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0	0.0123	0.0686	—	pCi/L	Y	U	U	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	08/23/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00707	0.01	0.0546	—	pCi/L	Y	U	U	N3B-2021-2359	CALA-21-232084	GELC
R-64	1285.0	08/28/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0215	0.0163	0.068	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-64	1285.0	09/04/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00795	0.012	0.0628	—	pCi/L	Y	U	U	N3B-2019-3231	CALA-19-185308	GELC
R-64	1285.0	09/04/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00763	0.015	0.171	—	pCi/L	Y	U	U	N3B-2018-3722	CALA-18-160768	GELC
R-64	1285.0	09/22/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.226	0.0319	0.0739	—	pCi/L	Y	—	NQ	N3B-2022-3319	CALA-22-258626	GELC
R-64	1285.0	08/23/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.226	0.0296	0.0718	—	pCi/L	Y	—	NQ	N3B-2021-2359	CALA-21-232084	GELC
R-64	1285.0	08/28/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.204	0.0341	0.0922	—	pCi/L	Y	—	NQ	N3B-2020-1635	CALA-20-199306	GELC
R-64	1285.0	09/04/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.169	0.0295	0.0562	—	pCi/L	Y	—	NQ	N3B-2019-3231	CALA-19-185308	GELC
R-64	1285.0	09/04/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.234	0.0392	0.125	—	pCi/L	Y	—	NQ	N3B-2018-3722	CALA-18-160768	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	4.24	—	—	1	µg/L	Y	J	J	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	08/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	3.81	—	—	1	µg/L	Y	J	J	N3B-2021-2359	CALA-21-232085	GELC
R-64	1285.0	08/28/2020	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.16	—	—	1	µg/L	Y	J	J	N3B-2020-1635	CALA-20-199307	GELC
R-64	1285.0	09/04/2019	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.3	—	—	1	µg/L	Y	J	J	N3B-2019-3231	CALA-19-185309	GELC
R-64	1285.0	09/04/2018	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.51	—	—	1	µg/L	Y	J	J	N3B-2018-3722	CALA-18-160767	GELC
R-64	1285.0	09/22/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	3.71	—	—	3.3	µg/L	Y	J	J	N3B-2022-3319	CALA-22-258627	GELC
R-64	1285.0	08/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2021-2359	CALA-21-232085	GELC
R-64	1285.0	08/28/2020	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	3.31	—	—	3.3	µg/L	Y	J	J	N3B-2020-1635	CALA-20-199307	GELC
R-64	1285.0	09/04/2019	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5.97	—	—	3.3	µg/L	Y	J	U	N3B-2019-3231	CALA-19-185309	GELC
R-64	1285.0	09/04/2018	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5	—	—	3.3	µg/L	Y	J	U	N3B-2018-3722	CALA-18-160767	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-66	819.4	09/15/2022	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-2022-3222	CALA-22-258634	GELC
R-66	819.4	08/19/2021	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8	—	—	0.01	SU	Y	H	J	N3B-2021-2347	CALA-21-232087	GELC
R-66	819.4	08/28/2020	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.96	—	—	0.01	SU	Y	H	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-66	819.4	09/12/2019	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.98	—	—	0.01	SU	Y	H	NQ	N3B-2019-3284	CALA-19-185311	GELC
R-66	819.4	09/12/2019	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.95	—	—	0.01	SU	Y	H	NQ	N3B-2019-3284	CALA-19-185313	GELC
R-66	819.4	09/18/2018	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8	—	—	0.01	SU	Y	H	NQ	N3B-2018-3908	CALA-18-160770	GELC
R-66	819.4	09/18/2018	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.01	—	—	0.01	SU	Y	H	NQ	N3B-2018-3908	CALA-18-160772	GELC
R-66	819.4	09/15/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	87	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	08/19/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2347	CALA-21-232087	GELC
R-66	819.4	08/28/2020	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-66	819.4	09/12/2019	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185311	GELC
R-66	819.4	09/12/2019	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	88.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185313	GELC
R-66	819.4	09/18/2018	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	87	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-3908	CALA-18-160770	GELC
R-66	819.4	09/18/2018	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	88.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-3908	CALA-18-160772	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00452	0.00783	0.0363	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	08/19/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0204	0.0136	0.0604	—	pCi/L	Y	U	U	N3B-2021-2347	CALA-21-232086	GELC
R-66	819.4	08/28/2020	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0143	0.00857	0.0517	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-66	819.4	09/12/2019	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00851	0.00998	0.0288	—	pCi/L	Y	U	U	N3B-2019-3284	CALA-19-185310	GELC
R-66	819.4	09/12/2019	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.002	0.00957	0.027	—	pCi/L	Y	U	U	N3B-2019-3284	CALA-19-185312	GELC
R-66	819.4	09/18/2018	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00225	0.00675	0.045	—	pCi/L	Y	U	U	N3B-2018-3908	CALA-18-160771	GELC
R-66	819.4	09/18/2018	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00774	0.00724	0.0387	—	pCi/L	Y	U	U	N3B-2018-3908	CALA-18-160773	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.76	—	—	2	µg/L	Y	J	J	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	08/19/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.31	—	—	2	µg/L	Y	J	J	N3B-2021-2347	CALA-21-232087	GELC
R-66	819.4	08/28/2020	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.54	—	—	2	µg/L	Y	J	J	N3B-2020-1635	CALA-20-199310	GELC
R-66	819.4	09/12/2019	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.67	—	—	2	µg/L	Y	J	J	N3B-2019-3284	CALA-19-185311	GELC
R-66	819.4	09/12/2019	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	Y	3.84	—	—	2	µg/L	Y	J	J	N3B-2019-3284	CALA-19-185313	GELC
R-66	819.4	09/18/2018	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	3.41	—	—	2	µg/L	Y	J	J	N3B-2018-3908	CALA-18-160770	GELC
R-66	819.4	09/18/2018	F	INIT	FD	Inorganic	SW-846:6020	Arsenic	As	Y	3.08	—	—	2	µg/L	Y	J	J	N3B-2018-3908	CALA-18-160772	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	27.5	—	—	1	µg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	08/19/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	28.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-2347	CALA-21-232087	GELC
R-66	819.4	08/28/2020	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	29.9	—	—	1	µg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-66	819.4	09/12/2019	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	30.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185311	GELC
R-66	819.4	09/12/2019	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	30.5	—	—	1	µg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185313	GELC
R-66	819.4	09/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	26.1	—	—	1	µg/L	Y	—	NQ	N3B-2018-3908	CALA-18-160770	GELC
R-66	819.4	09/18/2018	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	27.1	—	—	1	µg/L	Y	—	NQ	N3B-2018-3908	CALA-18-160772	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	32.9	—	—	15	µg/L	Y	J	J	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	08/19/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	34.8	—	—	15	µg/L	Y	J	J	N3B-2021-2347	CALA-21-232087	GELC
R-66	819.4	08/28/2020	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	35.3	—	—	15	µg/L	Y	J	J	N3B-2020-1635	CALA-20-199310	GELC
R-66	819.4	09/12/2019	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	37.7	—	—	15	µg/L	Y	J	J	N3B-2019-3284	CALA-19-185311	GELC
R-66	819.4	09/12/2019	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	37.6	—	—	15	µg/L	Y	J	J	N3B-2019-3284	CALA-19-185313	GELC
R-66	819.4	09/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	33	—	—	15	µg/L	Y	J	J	N3B-2018-3908	CALA-18-160770	GELC
R-66	819.4	09/18/2018	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	33.5	—	—	15	µg/L	Y	J	J	N3B-2018-3908	CALA-18-160772	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	16.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	08/19/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2347	CALA-21-232087	GELC
R-66	819.4	08/28/2020	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-66	819.4	09/12/2019	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185311	GELC
R-66	819.4	09/12/2019	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185313	GELC
R-66	819.4	09/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.1	—	—	0.05	mg/L	Y	E	NQ	N3B-2018-3908	CALA-18-160770	GELC
R-66	819.4	09/18/2018	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.6	—	—	0.05	mg/L	Y	E	NQ	N3B-2018-3908	CALA-18-160772	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.144	1.37	4.93	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	08/19/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.259	0.933	3.46	—	pCi/L	Y	U	U	N3B-2021-2347	CALA-21-232086	GELC
R-66	819.4	08/28/2020	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.289	1.19	3.63	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-66	819.4	09/12/2019	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.59	1.29	5.15	—	pCi/L	Y	U	U	N3B-2019-3284	CALA-19-185310	GELC
R-66	819.4	09/12/2019	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.06	1.34	5.05	—	pCi/L	Y	U	U	N3B-2019-3284	CALA-19-185312	GELC
R-66	819.4	09/18/2018	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.79	1.17	4.67	—	pCi/L	Y	U	U	N3B-2018-3908	CALA-18-160771	GELC
R-66	819.4	09/18/2018	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.92	0.873	4.58	—	pCi/L	Y	U	U	N3B-2018-3908	CALA-18-160773	GELC
R-66	819.4	09/15/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.38	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258634	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-66	819.4	08/19/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.66	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-2347	CALA-21-232087	GELC
R-66	819.4	08/28/2020	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	4.01	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-66	819.4	09/12/2019	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.65	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185311	GELC
R-66	819.4	09/12/2019	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.6	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185313	GELC
R-66	819.4	09/18/2018	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.55	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-3908	CALA-18-160770	GELC
R-66	819.4	09/18/2018	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.51	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-3908	CALA-18-160772	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.75	—	—	3	µg/L	Y	J	J	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	08/19/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.2	—	—	3	µg/L	Y	J	J	N3B-2021-2347	CALA-21-232087	GELC
R-66	819.4	08/28/2020	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.5	—	—	3	µg/L	Y	J	J	N3B-2020-1635	CALA-20-199310	GELC
R-66	819.4	09/12/2019	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.54	—	—	3	µg/L	Y	J	J	N3B-2019-3284	CALA-19-185311	GELC
R-66	819.4	09/12/2019	F	INIT	FD	Inorganic	SW-846:6020	Chromium	Cr	Y	3.52	—	—	3	µg/L	Y	J	J	N3B-2019-3284	CALA-19-185313	GELC
R-66	819.4	09/18/2018	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.53	—	—	3	µg/L	Y	J	J	N3B-2018-3908	CALA-18-160770	GELC
R-66	819.4	09/18/2018	F	INIT	FD	Inorganic	SW-846:6020	Chromium	Cr	Y	3.17	—	—	3	µg/L	Y	J	J	N3B-2018-3908	CALA-18-160772	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	3.91	1.48	6.33	—	pCi/L	Y	U	UJ	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	08/19/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.244	0.965	4.05	—	pCi/L	Y	U	U	N3B-2021-2347	CALA-21-232086	GELC
R-66	819.4	08/28/2020	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.06	1.53	4.43	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-66	819.4	09/12/2019	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.311	1.13	4.7	—	pCi/L	Y	U	U	N3B-2019-3284	CALA-19-185310	GELC
R-66	819.4	09/12/2019	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.602	1.65	6.74	—	pCi/L	Y	U	U	N3B-2019-3284	CALA-19-185312	GELC
R-66	819.4	09/18/2018	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.401	1.07	4.13	—	pCi/L	Y	U	U	N3B-2018-3908	CALA-18-160771	GELC
R-66	819.4	09/18/2018	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.991	0.94	4.06	—	pCi/L	Y	U	U	N3B-2018-3908	CALA-18-160773	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Copper	Cu	Y	5.27	—	—	3	µg/L	Y	J	J	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	08/19/2021	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	Y	4.27	—	—	3	µg/L	Y	J	J	N3B-2021-2347	CALA-21-232087	GELC
R-66	819.4	08/28/2020	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199310	GELC
R-66	819.4	09/12/2019	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-3284	CALA-19-185311	GELC
R-66	819.4	09/12/2019	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-3284	CALA-19-185313	GELC
R-66	819.4	09/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2018-3908	CALA-18-160770	GELC
R-66	819.4	09/18/2018	F	INIT	FD	Inorganic	SW-846:6010C	Copper	Cu	N	3	—	—	3	µg/L	Y	U	U	N3B-2018-3908	CALA-18-160772	GELC
R-66	819.4	09/15/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.401	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	08/19/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.371	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2347	CALA-21-232087	GELC
R-66	819.4	08/28/2020	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.468	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-66	819.4	09/12/2019	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.532	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185311	GELC
R-66	819.4	09/12/2019	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.531	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185313	GELC
R-66	819.4	09/18/2018	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.328	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-3908	CALA-18-160770	GELC
R-66	819.4	09/18/2018	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.349	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-3908	CALA-18-160772	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.718	0.739	2.76	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	08/19/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.83	0.734	2.68	—	pCi/L	Y	U	UJ	N3B-2021-2347	CALA-21-232086	GELC
R-66	819.4	08/28/2020	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.58	0.894	2.86	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-66	819.4	09/12/2019	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.702	0.78	2.93	—	pCi/L	Y	U	U	N3B-2019-3284	CALA-19-185310	GELC
R-66	819.4	09/12/2019	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.62	0.895	2.87	—	pCi/L	Y	U	U	N3B-2019-3284	CALA-19-185312	GELC
R-66	819.4	09/18/2018	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.27	0.75	2.94	—	pCi/L	Y	U	U	N3B-2018-3908	CALA-18-160771	GELC
R-66	819.4	09/18/2018	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.27	0.877	2.95	—	pCi/L	Y	U	U	N3B-2018-3908	CALA-18-160773	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	4.04	0.966	2.65	—	pCi/L	Y	—	NQ	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	08/19/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.793	0.813	2.79	—	pCi/L	Y	U	UJ	N3B-2021-2347	CALA-21-232086	GELC
R-66	819.4	08/28/2020	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.22	0.77	2.55	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-66	819.4	09/12/2019	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.74	0.82	2.49	—	pCi/L	Y	—	NQ	N3B-2019-3284	CALA-19-185310	GELC
R-66	819.4	09/12/2019	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.1	0.875	2.92	—	pCi/L	Y	U	U	N3B-2019-3284	CALA-19-185312	GELC
R-66	819.4	09/18/2018	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	1.84	0.619	1.83	—	pCi/L	Y	—	NQ	N3B-2018-3908	CALA-18-160771	GELC
R-66	819.4	09/18/2018	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	3.46	0.695	1.73	—	pCi/L	Y	—	NQ	N3B-2018-3908	CALA-18-160773	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	60.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	08/19/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	65.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2347	CALA-21-232087	GELC
R-66	819.4	08/28/2020	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	68.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-66	819.4	09/12/2019	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	64.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185311	GELC
R-66	819.4	09/12/2019	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	63.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185313	GELC
R-66	819.4	09/18/2018	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	58.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-3908	CALA-18-160770	GELC
R-66	819.4	09/18/2018	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	61	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-3908	CALA-18-160772	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	4.8	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	08/19/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.07	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2347	CALA-21-232087	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-66	819.4	08/28/2020	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	5.33	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-66	819.4	09/12/2019	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.95	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185311	GELC
R-66	819.4	09/12/2019	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.83	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185313	GELC
R-66	819.4	09/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.52	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-3908	CALA-18-160770	GELC
R-66	819.4	09/18/2018	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.73	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-3908	CALA-18-160772	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.53	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	08/19/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.48	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2347	CALA-21-232087	GELC
R-66	819.4	08/28/2020	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.63	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-66	819.4	09/12/2019	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.59	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185311	GELC
R-66	819.4	09/12/2019	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.55	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185313	GELC
R-66	819.4	09/18/2018	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.48	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-3908	CALA-18-160770	GELC
R-66	819.4	09/18/2018	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.49	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-3908	CALA-18-160772	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.29	2.34	8.66	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	08/19/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.981	1.83	6.02	—	pCi/L	Y	U	U	N3B-2021-2347	CALA-21-232086	GELC
R-66	819.4	08/28/2020	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.26	2.26	8.98	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-66	819.4	09/12/2019	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.97	2.27	8.73	—	pCi/L	Y	U	U	N3B-2019-3284	CALA-19-185310	GELC
R-66	819.4	09/12/2019	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.01	2.07	8.3	—	pCi/L	Y	U	U	N3B-2019-3284	CALA-19-185312	GELC
R-66	819.4	09/18/2018	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.758	2.49	8.9	—	pCi/L	Y	U	U	N3B-2018-3908	CALA-18-160771	GELC
R-66	819.4	09/18/2018	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.1	2.04	7.66	—	pCi/L	Y	U	U	N3B-2018-3908	CALA-18-160773	GELC
R-66	819.4	09/15/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.664	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	08/19/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.683	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-2347	CALA-21-232087	GELC
R-66	819.4	08/28/2020	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.632	—	—	0.017	mg/L	Y	—	U	N3B-2020-1635	CALA-20-199310	GELC
R-66	819.4	09/12/2019	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.651	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185311	GELC
R-66	819.4	09/12/2019	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.651	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185313	GELC
R-66	819.4	09/18/2018	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.613	—	—	0.017	mg/L	Y	—	NQ	N3B-2018-3908	CALA-18-160770	GELC
R-66	819.4	09/18/2018	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.613	—	—	0.017	mg/L	Y	—	NQ	N3B-2018-3908	CALA-18-160772	GELC
R-66	819.4	09/15/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.474	—	—	0.05	µg/L	Y	—	J-	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	08/19/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.485	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2347	CALA-21-232087	GELC
R-66	819.4	08/28/2020	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.523	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-66	819.4	09/12/2019	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.5	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185311	GELC
R-66	819.4	09/12/2019	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.511	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185313	GELC
R-66	819.4	09/18/2018	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.481	—	—	0.05	µg/L	Y	—	J+	N3B-2018-3908	CALA-18-160770	GELC
R-66	819.4	09/18/2018	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.519	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-3908	CALA-18-160772	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00973	0.0488	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	08/19/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0126	0.00756	0.0593	—	pCi/L	Y	U	U	N3B-2021-2347	CALA-21-232086	GELC
R-66	819.4	08/28/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00242	0.00803	0.0526	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-66	819.4	09/12/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00676	0.0418	—	pCi/L	Y	U	U	N3B-2019-3284	CALA-19-185310	GELC
R-66	819.4	09/12/2019	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00259	0.0107	0.0453	—	pCi/L	Y	U	U	N3B-2019-3284	CALA-19-185312	GELC
R-66	819.4	09/18/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00842	0.0115	0.027	—	pCi/L	Y	U	U	N3B-2018-3908	CALA-18-160771	GELC
R-66	819.4	09/18/2018	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00923	0.0126	0.0296	—	pCi/L	Y	U	U	N3B-2018-3908	CALA-18-160773	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00486	0.0109	0.0516	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	08/19/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0428	0.0126	0.0616	—	pCi/L	Y	U	UJ	N3B-2021-2347	CALA-21-232086	GELC
R-66	819.4	08/28/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0411	0.0116	0.0712	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-66	819.4	09/12/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00239	0.00716	0.0451	—	pCi/L	Y	U	U	N3B-2019-3284	CALA-19-185310	GELC
R-66	819.4	09/12/2019	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0207	0.0103	0.0489	—	pCi/L	Y	U	U	N3B-2019-3284	CALA-19-185312	GELC
R-66	819.4	09/18/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0105	0.0101	0.0427	—	pCi/L	Y	U	U	N3B-2018-3908	CALA-18-160771	GELC
R-66	819.4	09/18/2018	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00923	0.0103	0.0468	—	pCi/L	Y	U	U	N3B-2018-3908	CALA-18-160773	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	2.12	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	08/19/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.18	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2347	CALA-21-232087	GELC
R-66	819.4	08/28/2020	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.22	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1635	CALA-20-199310	GELC
R-66	819.4	09/12/2019	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.19	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185311	GELC
R-66	819.4	09/12/2019	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.14	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185313	GELC
R-66	819.4	09/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.95	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3908	CALA-18-160770	GELC
R-66	819.4	09/18/2018	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.02	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3908	CALA-18-160772	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	4.16	28.1	55.3	—	pCi/L	Y	U	UJ	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	08/19/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-8.97	15.2	58.9	—	pCi/L	Y	U	U	N3B-2021-2347	CALA-21-232086	GELC
R-66	819.4	08/28/2020	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-26.4	14.7	51.7	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-66	819.4	09/12/2019	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	5.13	21	41.4	—	pCi/L	Y	U	U	N3B-2019-3284	CALA-19-185310	GELC
R-66	819.4	09/12/2019	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-21.9	21.4	78.9	—	pCi/L	Y	U	U	N3B-2019-3284	CALA-19-185312	GELC
R-66	819.4	09/18/2018	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	36.3	20.8	45.8	—	pCi/L	Y	U	U	N3B-2018-3908	CALA-18-160771	GELC
R-66	819.4	09/18/2018	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	22.8	13.4	57.3	—	pCi/L	Y	U	U	N3B-2018-3908	CALA-18-160773	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0656	0.104	0.404	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	08/19/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.497	0.211	0.612	—	pCi/L	Y	U	UJ	N3B-2021-2347	CALA-21-232086	GELC
R-66	819.4	08/28/2020	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.263	0.196	0.671	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-66	819.4	01/16/2012	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.299	0.15	0.41	—	pCi/L	Y	U	U	12-594	CALA-12-2110	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.299	0.227	—	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	08/19/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.26	0.304	—	—	pCi/L	Y	—	NQ	N3B-2021-2347	CALA-21-232086	GELC
R-66	819.4	08/28/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.263	0.31	—	—	pCi/L	Y	—	U	N3B-2020-1635	CALA-20-199309	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.233	0.201	0.68	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	08/19/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.767	0.219	0.636	—	pCi/L	Y	—	NQ	N3B-2021-2347	CALA-21-232086	GELC
R-66	819.4	08/28/2020	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.491	0.241	0.918	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-66	819.4	01/16/2012	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.304	0.22	0.72	—	pCi/L	Y	U	U	12-594	CALA-12-2110	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	78.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	08/19/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	77.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2347	CALA-21-232087	GELC
R-66	819.4	08/28/2020	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	79.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-66	819.4	09/12/2019	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185311	GELC
R-66	819.4	09/12/2019	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185313	GELC
R-66	819.4	09/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-3908	CALA-18-160770	GELC
R-66	819.4	09/18/2018	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-3908	CALA-18-160772	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	08/19/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2347	CALA-21-232087	GELC
R-66	819.4	08/28/2020	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.2	—	—	0.1	mg/L	Y	N	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-66	819.4	09/12/2019	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185311	GELC
R-66	819.4	09/12/2019	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185313	GELC
R-66	819.4	09/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.6	—	—	0.1	mg/L	Y	E	NQ	N3B-2018-3908	CALA-18-160770	GELC
R-66	819.4	09/18/2018	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	12	—	—	0.1	mg/L	Y	E	NQ	N3B-2018-3908	CALA-18-160772	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	3.63	1.75	6.19	—	pCi/L	Y	U	UJ	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	08/19/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.12	1.15	4.92	—	pCi/L	Y	U	U	N3B-2021-2347	CALA-21-232086	GELC
R-66	819.4	08/28/2020	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.945	0.982	3.62	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-66	819.4	09/12/2019	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.294	1.09	4.29	—	pCi/L	Y	U	U	N3B-2019-3284	CALA-19-185310	GELC
R-66	819.4	09/12/2019	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.59	1.35	5.25	—	pCi/L	Y	U	U	N3B-2019-3284	CALA-19-185312	GELC
R-66	819.4	09/18/2018	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.7	1.17	4.02	—	pCi/L	Y	U	U	N3B-2018-3908	CALA-18-160771	GELC
R-66	819.4	09/18/2018	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.287	0.946	3.54	—	pCi/L	Y	U	U	N3B-2018-3908	CALA-18-160773	GELC
R-66	819.4	09/15/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	165	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	08/19/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	177	—	—	1	µS/cm	Y	—	NQ	N3B-2021-2347	CALA-21-232087	GELC
R-66	819.4	08/28/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	185	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-66	819.4	09/12/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	162	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3284	CALA-19-185311	GELC
R-66	819.4	09/12/2019	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	162	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3284	CALA-19-185313	GELC
R-66	819.4	09/18/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	190	—	—	1	µS/cm	Y	—	NQ	N3B-2018-3908	CALA-18-160770	GELC
R-66	819.4	09/18/2018	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	188	—	—	1	µS/cm	Y	—	NQ	N3B-2018-3908	CALA-18-160772	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	72	—	—	1	µg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	08/19/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	73.3	—	—	1	µg/L	Y	—	NQ	N3B-2021-2347	CALA-21-232087	GELC
R-66	819.4	08/28/2020	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	72.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-66	819.4	09/12/2019	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	73.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185311	GELC
R-66	819.4	09/12/2019	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	72.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185313	GELC
R-66	819.4	09/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	65.7	—	—	1	µg/L	Y	E	NQ	N3B-2018-3908	CALA-18-160770	GELC
R-66	819.4	09/18/2018	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	68.4	—	—	1	µg/L	Y	E	NQ	N3B-2018-3908	CALA-18-160772	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.28	0.129	0.408	—	pCi/L	Y	U	UJ	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	08/19/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0605	0.141	0.49	—	pCi/L	Y	U	UJ	N3B-2021-2347	CALA-21-232086	GELC
R-66	819.4	08/28/2020	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.291	0.151	0.494	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-66	819.4	09/12/2019	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.133	0.122	0.422	—	pCi/L	Y	U	U	N3B-2019-3284	CALA-19-185310	GELC
R-66	819.4	09/12/2019	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.236	0.122	0.487	—	pCi/L	Y	U	U	N3B-2019-3284	CALA-19-185312	GELC
R-66	819.4	09/18/2018	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.259	0.146	0.481	—	pCi/L	Y	U	U	N3B-2018-3908	CALA-18-160771	GELC
R-66	819.4	09/18/2018	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0588	0.138	0.481	—	pCi/L	Y	U	U	N3B-2018-3908	CALA-18-160773	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-66	819.4	09/15/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.42	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	08/19/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.69	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-2347	CALA-21-232087	GELC
R-66	819.4	08/28/2020	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.5	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-66	819.4	09/12/2019	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.49	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185311	GELC
R-66	819.4	09/12/2019	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.48	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185313	GELC
R-66	819.4	09/18/2018	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.58	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-3908	CALA-18-160770	GELC
R-66	819.4	09/18/2018	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.42	—	—	0.133	mg/L	Y	—	J+	N3B-2018-3908	CALA-18-160772	GELC
R-66	819.4	09/15/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	159	—	—	2.38	mg/L	Y	—	J	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	08/19/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	166	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-2347	CALA-21-232087	GELC
R-66	819.4	08/28/2020	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	171	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-66	819.4	09/12/2019	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	169	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185311	GELC
R-66	819.4	09/12/2019	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	217	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185313	GELC
R-66	819.4	09/18/2018	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	177	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-3908	CALA-18-160770	GELC
R-66	819.4	09/18/2018	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	153	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-3908	CALA-18-160772	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0838	—	—	0.033	mg/L	Y	J	J-	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	08/19/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2021-2347	CALA-21-232086	GELC
R-66	819.4	08/28/2020	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0374	—	—	0.033	mg/L	Y	J	U	N3B-2020-1635	CALA-20-199309	GELC
R-66	819.4	09/12/2019	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	UJ	N3B-2019-3284	CALA-19-185312	GELC
R-66	819.4	09/12/2019	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	UJ	N3B-2019-3284	CALA-19-185310	GELC
R-66	819.4	09/18/2018	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2018-3908	CALA-18-160771	GELC
R-66	819.4	09/18/2018	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2018-3908	CALA-18-160773	GELC
R-66	819.4	9/15/2022	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.649	0.861	2.859	–	pCi/L	Y	U	UJ	N3B-2022-3360	CALA-22-258633	ARSL
R-66	819.4	8/19/2021	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	7.516	1.543	3.143	–	pCi/L	Y	–	NQ	N3B-2021-2414	CALA-21-232086	ARSL
R-66	819.4	8/28/2020	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.794	0.956	2.998	–	pCi/L	Y	U	U	N3B-2020-1695	CALA-20-199309	ARSL
R-66	819.4	9/12/2019	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.102	0.851	2.762	–	pCi/L	Y	U	U	N3B-2019-3350	CALA-19-185310	ARSL
R-66	819.4	9/12/2019	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.575	0.953	3.034	–	pCi/L	Y	U	U	N3B-2019-3350	CALA-19-185312	ARSL
R-66	819.4	9/18/2018	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-2.233	0.891	2.948	–	pCi/L	Y	U	U	N3B-2018-3919	CALA-18-160771	ARSL
R-66	819.4	9/18/2018	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.107	0.861	2.937	–	pCi/L	Y	U	U	N3B-2018-3919	CALA-18-160773	ARSL
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.522	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	08/19/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.59	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2347	CALA-21-232087	GELC
R-66	819.4	08/28/2020	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.6	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-66	819.4	09/12/2019	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.587	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185311	GELC
R-66	819.4	09/12/2019	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	0.591	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185313	GELC
R-66	819.4	09/18/2018	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.664	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-3908	CALA-18-160770	GELC
R-66	819.4	09/18/2018	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	0.67	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-3908	CALA-18-160772	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.44	0.0485	0.0641	—	pCi/L	Y	—	NQ	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	08/19/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.416	0.0427	0.0773	—	pCi/L	Y	—	NQ	N3B-2021-2347	CALA-21-232086	GELC
R-66	819.4	08/28/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.405	0.0476	0.104	—	pCi/L	Y	—	NQ	N3B-2020-1635	CALA-20-199309	GELC
R-66	819.4	09/12/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.428	0.0489	0.0987	—	pCi/L	Y	—	NQ	N3B-2019-3284	CALA-19-185310	GELC
R-66	819.4	09/12/2019	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.437	0.0523	0.111	—	pCi/L	Y	—	NQ	N3B-2019-3284	CALA-19-185312	GELC
R-66	819.4	09/18/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.326	0.0515	0.174	—	pCi/L	Y	—	NQ	N3B-2018-3908	CALA-18-160771	GELC
R-66	819.4	09/18/2018	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.49	0.0454	0.111	—	pCi/L	Y	—	NQ	N3B-2018-3908	CALA-18-160773	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00438	0.0117	0.0629	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	08/19/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0187	0.0135	0.0578	—	pCi/L	Y	U	U	N3B-2021-2347	CALA-21-232086	GELC
R-66	819.4	08/28/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0186	0.0128	0.0686	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-66	819.4	09/12/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0126	0.0114	0.074	—	pCi/L	Y	U	U	N3B-2019-3284	CALA-19-185310	GELC
R-66	819.4	09/12/2019	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0281	0.0203	0.0828	—	pCi/L	Y	U	U	N3B-2019-3284	CALA-19-185312	GELC
R-66	819.4	09/18/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.026	0.0198	0.166	—	pCi/L	Y	U	U	N3B-2018-3908	CALA-18-160771	GELC
R-66	819.4	09/18/2018	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0521	0.0176	0.105	—	pCi/L	Y	U	U	N3B-2018-3908	CALA-18-160773	GELC
R-66	819.4	09/15/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.239	0.0328	0.0674	—	pCi/L	Y	—	NQ	N3B-2022-3222	CALA-22-258633	GELC
R-66	819.4	08/19/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.161	0.0266	0.076	—	pCi/L	Y	—	NQ	N3B-2021-2347	CALA-21-232086	GELC
R-66	819.4	08/28/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.161	0.0309	0.093	—	pCi/L	Y	—	NQ	N3B-2020-1635	CALA-20-199309	GELC
R-66	819.4	09/12/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.184	0.0318	0.0662	—	pCi/L	Y	—	NQ	N3B-2019-3284	CALA-19-185310	GELC
R-66	819.4	09/12/2019	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.243	0.0387	0.0741	—	pCi/L	Y	—	NQ	N3B-2019-3284	CALA-19-185312	GELC
R-66	819.4	09/18/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.148	0.032	0.121	—	pCi/L	Y	—	NQ	N3B-2018-3908	CALA-18-160771	GELC
R-66	819.4	09/18/2018	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.232	0.0314	0.0766	—	pCi/L	Y	—	NQ	N3B-2018-3908	CALA-18-160773	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	12.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258634	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-66	819.4	08/19/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	11.7	—	—	1	µg/L	Y	—	NQ	N3B-2021-2347	CALA-21-232087	GELC
R-66	819.4	08/28/2020	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.3	—	—	1	µg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-66	819.4	09/12/2019	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.8	—	—	1	µg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185311	GELC
R-66	819.4	09/12/2019	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	12.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185313	GELC
R-66	819.4	09/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	10.7	—	—	1	µg/L	Y	—	NQ	N3B-2018-3908	CALA-18-160770	GELC
R-66	819.4	09/18/2018	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	11.2	—	—	1	µg/L	Y	—	NQ	N3B-2018-3908	CALA-18-160772	GELC
R-66	819.4	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	5.48	—	—	3.3	µg/L	Y	J	J	N3B-2022-3222	CALA-22-258634	GELC
R-66	819.4	08/19/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	3.82	—	—	3.3	µg/L	Y	J	J	N3B-2021-2347	CALA-21-232087	GELC
R-66	819.4	08/28/2020	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199310	GELC
R-66	819.4	09/12/2019	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	6.09	—	—	3.3	µg/L	Y	J	U	N3B-2019-3284	CALA-19-185311	GELC
R-66	819.4	09/12/2019	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	6.9	—	—	3.3	µg/L	Y	J	U	N3B-2019-3284	CALA-19-185313	GELC
R-66	819.4	09/18/2018	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	5.2	—	—	3.3	µg/L	Y	J	J	N3B-2018-3908	CALA-18-160770	GELC
R-66	819.4	09/18/2018	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	Y	5.31	—	—	3.3	µg/L	Y	J	J	N3B-2018-3908	CALA-18-160772	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.75	—	—	0.01	SU	Y	H	J	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	08/25/2021	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-2021-2411	CALA-21-232071	GELC
R-6i	602.0	08/25/2020	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.83	—	—	0.01	SU	Y	H	NQ	N3B-2020-1606	CALA-20-199171	GELC
R-6i	602.0	09/09/2019	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-2019-3247	CALA-19-185298	GELC
R-6i	602.0	09/09/2019	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.73	—	—	0.01	SU	Y	H	NQ	N3B-2019-3247	CALA-19-185301	GELC
R-6i	602.0	09/07/2018	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-2018-3815	CALA-18-160755	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	57.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	08/25/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2411	CALA-21-232071	GELC
R-6i	602.0	08/25/2020	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC
R-6i	602.0	09/09/2019	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185298	GELC
R-6i	602.0	09/09/2019	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185301	GELC
R-6i	602.0	09/07/2018	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160755	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.061	0.0197	0.0612	—	pCi/L	Y	U	UJ	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	08/25/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00374	0.0194	0.0664	—	pCi/L	Y	U	U	N3B-2021-2411	CALA-21-232070	GELC
R-6i	602.0	08/25/2020	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0277	0.0165	0.0543	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	09/09/2019	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00176	0.00727	0.0239	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185297	GELC
R-6i	602.0	09/09/2019	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00177	0.00731	0.024	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185300	GELC
R-6i	602.0	09/07/2018	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00000000199	0.00943	0.0597	—	pCi/L	Y	U	U	N3B-2018-3815	CALA-18-160756	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	16.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	08/25/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	16.8	—	—	1	µg/L	Y	—	NQ	N3B-2021-2411	CALA-21-232071	GELC
R-6i	602.0	08/25/2020	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	16.2	—	—	1	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC
R-6i	602.0	09/09/2019	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	18	—	—	1	µg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185298	GELC
R-6i	602.0	09/09/2019	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	17.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185301	GELC
R-6i	602.0	09/07/2018	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	18.5	—	—	1	µg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160755	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	20.7	—	—	15	µg/L	Y	J	J	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	08/25/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	24.8	—	—	15	µg/L	Y	J	J	N3B-2021-2411	CALA-21-232071	GELC
R-6i	602.0	08/25/2020	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	25.7	—	—	15	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199171	GELC
R-6i	602.0	09/09/2019	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	30.8	—	—	15	µg/L	Y	J	U	N3B-2019-3247	CALA-19-185298	GELC
R-6i	602.0	09/09/2019	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	N	29.4	—	—	15	µg/L	Y	J	U	N3B-2019-3247	CALA-19-185301	GELC
R-6i	602.0	09/07/2018	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	19.7	—	—	15	µg/L	Y	J	J	N3B-2018-3815	CALA-18-160755	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	15.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	08/25/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2411	CALA-21-232071	GELC
R-6i	602.0	08/25/2020	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC
R-6i	602.0	09/09/2019	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185298	GELC
R-6i	602.0	09/09/2019	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185301	GELC
R-6i	602.0	09/07/2018	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	18.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160755	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	7.99	2.86	4.09	—	pCi/L	Y	UI	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	08/25/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.18	2.17	8.2	—	pCi/L	Y	U	U	N3B-2021-2411	CALA-21-232070	GELC
R-6i	602.0	08/25/2020	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.412	1.38	4.67	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	09/09/2019	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.251	1.15	4.09	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185297	GELC
R-6i	602.0	09/09/2019	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.94	1.48	5.16	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185300	GELC
R-6i	602.0	09/07/2018	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.091	1.04	3.78	—	pCi/L	Y	U	U	N3B-2018-3815	CALA-18-160756	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	10.4	—	—	0.134	mg/L	Y	—	J+	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	08/25/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	11.5	—	—	0.134	mg/L	Y	—	J+	N3B-2021-2411	CALA-21-232071	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-6i	602.0	08/25/2020	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	11.6	—	—	0.134	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC
R-6i	602.0	09/09/2019	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	12.8	—	—	0.134	mg/L	Y	—	J+	N3B-2019-3247	CALA-19-185298	GELC
R-6i	602.0	09/09/2019	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	12.7	—	—	0.134	mg/L	Y	—	J+	N3B-2019-3247	CALA-19-185301	GELC
R-6i	602.0	09/07/2018	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	13.8	—	—	0.134	mg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160755	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.02	1.25	5.02	—	pCi/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	08/25/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.874	2.7	8.59	—	pCi/L	Y	U	U	N3B-2021-2411	CALA-21-232070	GELC
R-6i	602.0	08/25/2020	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.46	1.65	5.55	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	09/09/2019	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.287	1.22	4.33	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185297	GELC
R-6i	602.0	09/09/2019	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.12	1.18	4.25	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185300	GELC
R-6i	602.0	09/07/2018	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.48	1.31	4.62	—	pCi/L	Y	U	U	N3B-2018-3815	CALA-18-160756	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E	Dioxane[1,4-]	123-91-1	N	2.99	—	—	2.99	µg/L	N	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	2.88	—	—	0.1	µg/L	Y	B	J+	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	08/25/2021	UF	INIT	REG	VOC	SW-846:8260D	Dioxane[1,4-]	123-91-1	N	16.7	—	—	16.7	µg/L	Y	U	U	N3B-2021-2411	CALA-21-232070	GELC
R-6i	602.0	08/25/2020	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.01	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	08/25/2020	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	2.75	—	—	0.1	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	09/09/2019	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.19	—	—	3.19	µg/L	Y	U	U	N3B-2019-3247	CALA-19-185300	GELC
R-6i	602.0	09/09/2019	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.15	—	—	3.15	µg/L	Y	U	U	N3B-2019-3247	CALA-19-185297	GELC
R-6i	602.0	09/07/2018	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.3	—	—	3.3	µg/L	Y	U	UJ	N3B-2018-3815	CALA-18-160756	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	1.2	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	08/25/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	1.2	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2411	CALA-21-232071	GELC
R-6i	602.0	08/25/2020	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	1.06	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC
R-6i	602.0	09/09/2019	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	1.04	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185298	GELC
R-6i	602.0	09/09/2019	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	1.04	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185301	GELC
R-6i	602.0	09/07/2018	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.956	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160755	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.85	0.904	2.78	—	pCi/L	Y	U	UJ	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	08/25/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.79	0.752	1.95	—	pCi/L	Y	U	UJ	N3B-2021-2411	CALA-21-232070	GELC
R-6i	602.0	08/25/2020	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0524	0.559	2.71	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	09/09/2019	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.102	0.67	2.85	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185297	GELC
R-6i	602.0	09/09/2019	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.927	0.465	2.84	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185300	GELC
R-6i	602.0	09/07/2018	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0232	0.492	2.21	—	pCi/L	Y	U	U	N3B-2018-3815	CALA-18-160756	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	0.439	0.817	2.89	—	pCi/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	08/25/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	22.9	1.47	2.6	—	pCi/L	Y	—	J	N3B-2021-2411	CALA-21-232070	GELC
R-6i	602.0	08/25/2020	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.703	0.858	2.92	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	09/09/2019	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.134	0.746	2.68	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185297	GELC
R-6i	602.0	09/09/2019	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	2.31	0.925	2.92	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185300	GELC
R-6i	602.0	09/07/2018	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.8	0.823	2.65	—	pCi/L	Y	U	U	N3B-2018-3815	CALA-18-160756	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	51.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	08/25/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	55.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2411	CALA-21-232071	GELC
R-6i	602.0	08/25/2020	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	56.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC
R-6i	602.0	09/09/2019	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	59.8	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185298	GELC
R-6i	602.0	09/09/2019	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	59.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185301	GELC
R-6i	602.0	09/07/2018	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	61.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160755	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	2.94	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	08/25/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.1	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2411	CALA-21-232071	GELC
R-6i	602.0	08/25/2020	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.35	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC
R-6i	602.0	09/09/2019	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.49	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185298	GELC
R-6i	602.0	09/09/2019	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.46	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185301	GELC
R-6i	602.0	09/07/2018	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.4	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160755	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	Y	4.09	—	—	2	µg/L	Y	J	J	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	08/25/2021	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2021-2411	CALA-21-232071	GELC
R-6i	602.0	08/25/2020	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199171	GELC
R-6i	602.0	09/09/2019	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-3247	CALA-19-185298	GELC
R-6i	602.0	09/09/2019	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2019-3247	CALA-19-185301	GELC
R-6i	602.0	09/07/2018	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	N	2	—	—	2	µg/L	Y	U	U	N3B-2018-3815	CALA-18-160755	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.18	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	08/25/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	2.01	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2411	CALA-21-232071	GELC
R-6i	602.0	08/25/2020	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.96	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-6i	602.0	09/09/2019	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.8	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185298	GELC
R-6i	602.0	09/09/2019	F	INIT	FD	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.71	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185301	GELC
R-6i	602.0	09/07/2018	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.72	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160755	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.48	2.27	8.26	—	pCi/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	08/25/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.12	3.41	12.1	—	pCi/L	Y	U	U	N3B-2021-2411	CALA-21-232070	GELC
R-6i	602.0	08/25/2020	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.25	2.73	9.08	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	09/09/2019	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.81	1.9	7.53	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185297	GELC
R-6i	602.0	09/09/2019	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.986	2.14	7.66	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185300	GELC
R-6i	602.0	09/07/2018	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.25	1.85	6.33	—	pCi/L	Y	U	U	N3B-2018-3815	CALA-18-160756	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.99	—	—	0.085	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	08/25/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.13	—	—	0.085	mg/L	Y	—	NQ	N3B-2021-2411	CALA-21-232071	GELC
R-6i	602.0	08/25/2020	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.25	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC
R-6i	602.0	09/09/2019	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.35	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185298	GELC
R-6i	602.0	09/09/2019	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.41	—	—	0.17	mg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185301	GELC
R-6i	602.0	09/07/2018	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.78	—	—	0.17	mg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160755	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	2.81	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	08/25/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	3.27	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2411	CALA-21-232071	GELC
R-6i	602.0	08/25/2020	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	3.53	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC
R-6i	602.0	09/09/2019	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	4.12	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185298	GELC
R-6i	602.0	09/09/2019	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	4.22	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185301	GELC
R-6i	602.0	09/07/2018	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	5.02	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160755	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00561	0.0105	0.0563	—	pCi/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	08/25/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0209	0.0108	0.0704	—	pCi/L	Y	U	UJ	N3B-2021-2411	CALA-21-232070	GELC
R-6i	602.0	08/25/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00985	0.00603	0.0454	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	09/09/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0146	0.00845	0.0427	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185297	GELC
R-6i	602.0	09/09/2019	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0152	0.0091	0.0531	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185300	GELC
R-6i	602.0	09/07/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0127	0.00839	0.0324	—	pCi/L	Y	U	U	N3B-2018-3815	CALA-18-160756	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0028	0.00742	0.0595	—	pCi/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	08/25/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0179	0.00946	0.0732	—	pCi/L	Y	U	UJ	N3B-2021-2411	CALA-21-232070	GELC
R-6i	602.0	08/25/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0123	0.0128	0.0456	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	09/09/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00244	0.00879	0.0461	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185297	GELC
R-6i	602.0	09/09/2019	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0152	0.00909	0.0573	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185300	GELC
R-6i	602.0	09/07/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0228	0.0104	0.0513	—	pCi/L	Y	U	U	N3B-2018-3815	CALA-18-160756	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	0.461	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	08/25/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	0.575	—	—	0.05	mg/L	Y	—	J+	N3B-2021-2411	CALA-21-232071	GELC
R-6i	602.0	08/25/2020	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	0.514	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC
R-6i	602.0	09/09/2019	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	0.569	—	—	0.05	mg/L	Y	—	J+	N3B-2019-3247	CALA-19-185298	GELC
R-6i	602.0	09/09/2019	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	0.537	—	—	0.05	mg/L	Y	—	J+	N3B-2019-3247	CALA-19-185301	GELC
R-6i	602.0	09/07/2018	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	0.507	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160755	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-23.7	21.2	65.1	—	pCi/L	Y	U	UJ	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	08/25/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	10.2	35.5	78.3	—	pCi/L	Y	U	U	N3B-2021-2411	CALA-21-232070	GELC
R-6i	602.0	08/25/2020	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-33.9	17.7	55.7	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	09/09/2019	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	9.65	17.2	41.2	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185297	GELC
R-6i	602.0	09/09/2019	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-1.67	13.9	57.8	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185300	GELC
R-6i	602.0	09/07/2018	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15.1	13.2	50	—	pCi/L	Y	U	U	N3B-2018-3815	CALA-18-160756	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.763	0.183	0.265	—	pCi/L	Y	—	NQ	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	08/25/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	2.16	0.338	0.591	—	pCi/L	Y	—	NQ	N3B-2021-2411	CALA-21-232070	GELC
R-6i	602.0	08/25/2020	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0243	0.0807	0.326	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	07/14/2009	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.614	0.17	0.26	—	pCi/L	Y	—	NQ	09-2641	CALA-09-11157	GELC
R-6i	602.0	08/27/2008	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.808	0.22	0.48	—	pCi/L	Y	—	NQ	08-1798	CALA-08-13892	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.07	0.315	—	—	pCi/L	Y	J	J	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	08/25/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	3.22	0.43	—	—	pCi/L	Y	—	NQ	N3B-2021-2411	CALA-21-232070	GELC
R-6i	602.0	08/25/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.0243	0.174	—	—	pCi/L	Y	—	U	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.311	0.256	0.862	—	pCi/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	08/25/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	1.06	0.265	0.749	—	pCi/L	Y	—	NQ	N3B-2021-2411	CALA-21-232070	GELC
R-6i	602.0	08/25/2020	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.208	0.154	0.621	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	07/14/2009	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	1.05	0.3	0.8	—	pCi/L	Y	—	NQ	09-2641	CALA-09-11157	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-6i	602.0	08/27/2008	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.115	0.17	0.58	—	pCi/L	Y	U	U	08-1798	CALA-08-13892	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	70.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	08/25/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2411	CALA-21-232071	GELC
R-6i	602.0	08/25/2020	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC
R-6i	602.0	09/09/2019	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185298	GELC
R-6i	602.0	09/09/2019	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185301	GELC
R-6i	602.0	09/07/2018	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160755	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	15	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	08/25/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2411	CALA-21-232071	GELC
R-6i	602.0	08/25/2020	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	16.2	—	—	0.1	mg/L	Y	—	J-	N3B-2020-1606	CALA-20-199171	GELC
R-6i	602.0	09/09/2019	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	17.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185298	GELC
R-6i	602.0	09/09/2019	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	17.5	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185301	GELC
R-6i	602.0	09/07/2018	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	16.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160755	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.67	1.22	4.39	—	pCi/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	08/25/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.263	2.19	7.58	—	pCi/L	Y	U	U	N3B-2021-2411	CALA-21-232070	GELC
R-6i	602.0	08/25/2020	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.982	1.4	4.85	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	09/09/2019	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.6	1	2.61	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185297	GELC
R-6i	602.0	09/09/2019	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.118	0.949	4	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185300	GELC
R-6i	602.0	09/07/2018	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.02	1.19	3.5	—	pCi/L	Y	U	U	N3B-2018-3815	CALA-18-160756	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	195	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	08/25/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	207	—	—	1	µS/cm	Y	—	NQ	N3B-2021-2411	CALA-21-232071	GELC
R-6i	602.0	08/25/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	108	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC
R-6i	602.0	09/09/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	1360	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3247	CALA-19-185298	GELC
R-6i	602.0	09/09/2019	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	175	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3247	CALA-19-185301	GELC
R-6i	602.0	09/07/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	210	—	—	1	µS/cm	Y	—	NQ	N3B-2018-3815	CALA-18-160755	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	73.3	—	—	1	µg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	08/25/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	77.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-2411	CALA-21-232071	GELC
R-6i	602.0	08/25/2020	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	82.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC
R-6i	602.0	09/09/2019	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	86.9	—	—	1	µg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185298	GELC
R-6i	602.0	09/09/2019	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	86	—	—	1	µg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185301	GELC
R-6i	602.0	09/07/2018	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	82.8	—	—	1	µg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160755	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.238	0.115	0.369	—	pCi/L	Y	U	UJ	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	08/25/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0731	0.134	0.488	—	pCi/L	Y	U	UJ	N3B-2021-2411	CALA-21-232070	GELC
R-6i	602.0	08/25/2020	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.15	0.138	0.496	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	09/09/2019	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.312	0.148	0.473	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185297	GELC
R-6i	602.0	09/09/2019	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.121	0.136	0.475	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185300	GELC
R-6i	602.0	09/07/2018	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0299	0.134	0.487	—	pCi/L	Y	U	U	N3B-2018-3815	CALA-18-160756	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.31	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	08/25/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.99	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-2411	CALA-21-232071	GELC
R-6i	602.0	08/25/2020	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.7	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC
R-6i	602.0	09/09/2019	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.93	—	—	0.133	mg/L	Y	—	J+	N3B-2019-3247	CALA-19-185298	GELC
R-6i	602.0	09/09/2019	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	6.96	—	—	0.133	mg/L	Y	—	J+	N3B-2019-3247	CALA-19-185301	GELC
R-6i	602.0	09/07/2018	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	7.16	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160755	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	162	—	—	2.38	mg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	08/25/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	173	—	—	3.4	mg/L	Y	—	J+	N3B-2021-2411	CALA-21-232071	GELC
R-6i	602.0	08/25/2020	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	186	—	—	3.4	mg/L	Y	—	J	N3B-2020-1606	CALA-20-199171	GELC
R-6i	602.0	09/09/2019	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	167	—	—	3.4	mg/L	Y	—	J+	N3B-2019-3247	CALA-19-185298	GELC
R-6i	602.0	09/09/2019	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	150	—	—	3.4	mg/L	Y	—	J+	N3B-2019-3247	CALA-19-185301	GELC
R-6i	602.0	09/07/2018	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	196	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160755	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	804	113	188	—	pCi/L	Y	—	NQ	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	08/25/2021	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	1070	69.4	128	—	pCi/L	Y	—	NQ	N3B-2021-2411	CALA-21-232070	GELC
R-6i	602.0	08/25/2020	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	1260	89.5	156	—	pCi/L	Y	—	NQ	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	09/09/2019	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	1140	84	154	—	pCi/L	Y	—	NQ	N3B-2019-3247	CALA-19-185297	GELC
R-6i	602.0	09/09/2019	UF	INIT	FD	RAD	EPA:906.0	Tritium	H-3	Y	1100	84.2	159	—	pCi/L	Y	—	NQ	N3B-2019-3247	CALA-19-185300	GELC
R-6i	602.0	09/07/2018	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	1820	104	156	—	pCi/L	Y	—	NQ	N3B-2018-3815	CALA-18-160756	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.253	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	08/25/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.274	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2411	CALA-21-232071	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-6i	602.0	08/25/2020	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.279	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC
R-6i	602.0	09/09/2019	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.292	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185298	GELC
R-6i	602.0	09/09/2019	F	INIT	FD	Inorganic	SW-846:6020	Uranium	U	Y	0.286	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185301	GELC
R-6i	602.0	09/07/2018	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.311	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160755	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.146	0.0309	0.0699	—	pCi/L	Y	—	NQ	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	08/25/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.241	0.0301	0.0757	—	pCi/L	Y	—	NQ	N3B-2021-2411	CALA-21-232070	GELC
R-6i	602.0	08/25/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.228	0.04	0.0811	—	pCi/L	Y	—	NQ	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	09/09/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.228	0.039	0.108	—	pCi/L	Y	—	NQ	N3B-2019-3247	CALA-19-185297	GELC
R-6i	602.0	09/09/2019	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.27	0.0417	0.103	—	pCi/L	Y	—	NQ	N3B-2019-3247	CALA-19-185300	GELC
R-6i	602.0	09/07/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.287	0.041	0.149	—	pCi/L	Y	—	NQ	N3B-2018-3815	CALA-18-160756	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0173	0.0123	0.0683	—	pCi/L	Y	U	U	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	08/25/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00367	0.0132	0.0566	—	pCi/L	Y	U	U	N3B-2021-2411	CALA-21-232070	GELC
R-6i	602.0	08/25/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0124	0.0112	0.0634	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	09/09/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.0139	0.0104	0.0809	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185297	GELC
R-6i	602.0	09/09/2019	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0163	0.0139	0.0768	—	pCi/L	Y	U	U	N3B-2019-3247	CALA-19-185300	GELC
R-6i	602.0	09/07/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0448	0.0184	0.142	—	pCi/L	Y	U	U	N3B-2018-3815	CALA-18-160756	GELC
R-6i	602.0	09/06/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0807	0.0212	0.0735	—	pCi/L	Y	—	NQ	N3B-2022-3095	CALA-22-258566	GELC
R-6i	602.0	08/25/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0979	0.0199	0.0744	—	pCi/L	Y	—	NQ	N3B-2021-2411	CALA-21-232070	GELC
R-6i	602.0	08/25/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0898	0.0266	0.0739	—	pCi/L	Y	—	NQ	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	09/09/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.1	0.0263	0.0723	—	pCi/L	Y	—	NQ	N3B-2019-3247	CALA-19-185297	GELC
R-6i	602.0	09/09/2019	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.114	0.0265	0.0687	—	pCi/L	Y	—	NQ	N3B-2019-3247	CALA-19-185300	GELC
R-6i	602.0	09/07/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.181	0.0324	0.103	—	pCi/L	Y	—	NQ	N3B-2018-3815	CALA-18-160756	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	2.37	—	—	1	µg/L	Y	J	J	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	08/25/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.36	—	—	1	µg/L	Y	J	J	N3B-2021-2411	CALA-21-232071	GELC
R-6i	602.0	08/25/2020	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.4	—	—	1	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199171	GELC
R-6i	602.0	09/09/2019	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.57	—	—	1	µg/L	Y	J	J	N3B-2019-3247	CALA-19-185298	GELC
R-6i	602.0	09/09/2019	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	2.29	—	—	1	µg/L	Y	J	J	N3B-2019-3247	CALA-19-185301	GELC
R-6i	602.0	09/07/2018	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	2.24	—	—	1	µg/L	Y	J	J	N3B-2018-3815	CALA-18-160755	GELC
R-6i	602.0	09/06/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	9.14	—	—	3.3	µg/L	Y	J	J	N3B-2022-3095	CALA-22-258567	GELC
R-6i	602.0	08/25/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	8.45	—	—	3.3	µg/L	Y	J	J	N3B-2021-2411	CALA-21-232071	GELC
R-6i	602.0	08/25/2020	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	10.6	—	—	3.3	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199171	GELC
R-6i	602.0	09/09/2019	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	10.3	—	—	3.3	µg/L	Y	J	J	N3B-2019-3247	CALA-19-185298	GELC
R-6i	602.0	09/09/2019	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	Y	9.57	—	—	3.3	µg/L	Y	J	J	N3B-2019-3247	CALA-19-185301	GELC
R-6i	602.0	09/07/2018	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	15.8	—	—	3.3	µg/L	Y	—	U	N3B-2018-3815	CALA-18-160755	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.25	—	—	0.01	SU	Y	H	J	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.37	—	—	0.01	SU	Y	H	J	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	08/27/2021	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.06	—	—	0.01	SU	Y	H	J	N3B-2021-2425	CALA-21-232093	GELC
R-7 S3	895.5	06/10/2021	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.06	—	—	0.01	SU	Y	H	J	N3B-2021-1813	CALA-21-229496	GELC
R-7 S3	895.5	02/17/2021	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.9	—	—	0.01	SU	Y	H	J	N3B-2021-872	CALA-21-218070	GELC
R-7 S3	895.5	12/14/2020	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.91	—	—	0.01	SU	Y	H	NQ	N3B-2021-607	CALA-21-211100	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	60	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	73	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	08/27/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	69.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2425	CALA-21-232093	GELC
R-7 S3	895.5	06/10/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-1813	CALA-21-229496	GELC
R-7 S3	895.5	02/17/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	63.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-872	CALA-21-218070	GELC
R-7 S3	895.5	12/14/2020	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-607	CALA-21-211100	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00297	0.00665	0.0478	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00722	0.00884	0.0579	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	08/27/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0209	0.0139	0.0617	—	pCi/L	Y	U	U	N3B-2021-2425	CALA-21-232092	GELC
R-7 S3	895.5	04/26/2005	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00427	0.00604	0.034	—	pCi/L	Y	U	U	135408	GU0504G07R301	GELC
R-7 S3	895.5	05/26/2004	UF	INIT	REG	RAD	Generic:Alpha-Spec	Americium-241	Am-241	N	0.00617	0.00683	0.037	—	pCi/L	Y	U	U	113809	GU0405G07R301	GELC
R-7 S3	895.5	12/18/2003	UF	INIT	REG	RAD	Generic:Alpha-Spec	Americium-241	Am-241	N	0.000646	0.00858	0.028	—	pCi/L	Y	U	U	104282	GU0311G07R301	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	25.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6010D	Barium	Ba	Y	25	—	—	1	µg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	08/27/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	29.3	—	—	1	µg/L	Y	—	NQ	N3B-2021-2425	CALA-21-232093	GELC
R-7 S3	895.5	06/10/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	30.2	—	—	1	µg/L	Y	—	NQ	N3B-2021-1813	CALA-21-229496	GELC
R-7 S3	895.5	02/17/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	31.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-872	CALA-21-218070	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-7 S3	895.5	12/14/2020	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	32.2	—	—	1	µg/L	Y	—	NQ	N3B-2021-607	CALA-21-211100	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	11.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6010D	Calcium	Ca	Y	11.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	08/27/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2425	CALA-21-232093	GELC
R-7 S3	895.5	06/10/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.4	—	—	0.05	mg/L	Y	N	J-	N3B-2021-1813	CALA-21-229496	GELC
R-7 S3	895.5	02/17/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-872	CALA-21-218070	GELC
R-7 S3	895.5	12/14/2020	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	11	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-607	CALA-21-211100	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.17	1.71	5.19	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.75	1.68	5.33	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	08/27/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.853	1.11	4.57	—	pCi/L	Y	U	U	N3B-2021-2425	CALA-21-232092	GELC
R-7 S3	895.5	04/26/2005	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.287	0.995	3.47	—	pCi/L	Y	U	U	135408	GU0504G07R301	GELC
R-7 S3	895.5	05/26/2004	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.11	1	3.07	—	pCi/L	Y	U	U	113809	GU0405G07R301	GELC
R-7 S3	895.5	12/18/2003	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.052	0.533	1.8	—	pCi/L	Y	U	U	104282	GU0311G07R301	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.49	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.49	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	08/27/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.65	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-2425	CALA-21-232093	GELC
R-7 S3	895.5	06/10/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.57	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-1813	CALA-21-229496	GELC
R-7 S3	895.5	02/17/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.54	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-872	CALA-21-218070	GELC
R-7 S3	895.5	12/14/2020	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.62	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-607	CALA-21-211100	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.49	2.11	6.59	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.19	1.45	4.95	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	08/27/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.853	1.11	5.1	—	pCi/L	Y	U	U	N3B-2021-2425	CALA-21-232092	GELC
R-7 S3	895.5	04/26/2005	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.15	1.14	4.44	—	pCi/L	Y	U	U	135408	GU0504G07R301	GELC
R-7 S3	895.5	05/26/2004	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.01	1.04	4.21	—	pCi/L	Y	U	U	113809	GU0405G07R301	GELC
R-7 S3	895.5	12/18/2003	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.439	0.524	1.91	—	pCi/L	Y	U	U	104282	GU0311G07R301	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.482	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.474	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	08/27/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.445	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2425	CALA-21-232093	GELC
R-7 S3	895.5	06/10/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.398	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1813	CALA-21-229496	GELC
R-7 S3	895.5	02/17/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.47	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-872	CALA-21-218070	GELC
R-7 S3	895.5	12/14/2020	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.51	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-607	CALA-21-211100	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.49	0.831	2.57	—	pCi/L	Y	U	UJ	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.38	0.846	2.7	—	pCi/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	08/27/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.15	0.862	2.3	—	pCi/L	Y	U	UJ	N3B-2021-2425	CALA-21-232092	GELC
R-7 S3	895.5	04/26/2005	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.219	0.234	0.967	—	pCi/L	Y	U	U	135408	GU0504G07R301	GELC
R-7 S3	895.5	05/26/2004	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	13.5	1.42	1.75	—	pCi/L	Y	—	NQ	113809	GU0405G07R301	GELC
R-7 S3	895.5	12/18/2003	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.364	0.33	1.3	—	pCi/L	Y	U	U	104282	GU0311G07R301	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	2.06	0.925	2.93	—	pCi/L	Y	U	UJ	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	EPA:900.0	Gross beta	GROSSB	N	0.597	0.842	2.87	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	08/27/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	9.44	1.08	2.59	—	pCi/L	Y	—	J	N3B-2021-2425	CALA-21-232092	GELC
R-7 S3	895.5	04/26/2005	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.53	0.64	2.32	—	pCi/L	Y	—	J	135408	GU0504G07R301	GELC
R-7 S3	895.5	05/26/2004	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.79	0.834	2.28	—	pCi/L	Y	—	J	113809	GU0405G07R301	GELC
R-7 S3	895.5	12/18/2003	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.08	0.329	1.24	—	pCi/L	Y	U	U	104282	GU0311G07R301	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	45.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	45.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	08/27/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	46.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2425	CALA-21-232093	GELC
R-7 S3	895.5	06/10/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	47.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-1813	CALA-21-229496	GELC
R-7 S3	895.5	02/17/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	44.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-872	CALA-21-218070	GELC
R-7 S3	895.5	12/14/2020	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	43.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-607	CALA-21-211100	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	4.17	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6010D	Magnesium	Mg	Y	4.12	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	08/27/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.19	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2425	CALA-21-232093	GELC
R-7 S3	895.5	06/10/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.63	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-1813	CALA-21-229496	GELC
R-7 S3	895.5	02/17/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-872	CALA-21-218070	GELC
R-7 S3	895.5	12/14/2020	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	3.99	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-607	CALA-21-211100	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.83	—	—	0.2	µg/L	Y	J	J	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.835	—	—	0.2	µg/L	Y	J	J	N3B-2022-3222	CALA-22-258590	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-7 S3	895.5	08/27/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.934	—	—	0.2	µg/L	Y	J	J	N3B-2021-2425	CALA-21-232093	GELC
R-7 S3	895.5	06/10/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	0.871	—	—	0.2	µg/L	Y	J	J	N3B-2021-1813	CALA-21-229496	GELC
R-7 S3	895.5	02/17/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	1.07	—	—	0.2	µg/L	Y	—	U	N3B-2021-872	CALA-21-218070	GELC
R-7 S3	895.5	12/14/2020	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.01	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-607	CALA-21-211100	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.24	2.74	9.17	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.929	2.53	8.9	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	08/27/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.57	3.02	10.9	—	pCi/L	Y	U	U	N3B-2021-2425	CALA-21-232092	GELC
R-7 S3	895.5	04/26/2005	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.8	5.7	19.6	—	pCi/L	Y	U	U	135408	GU0504G07R301	GELC
R-7 S3	895.5	05/26/2004	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-16.4	9.42	29.6	—	pCi/L	Y	U	U	113809	GU0405G07R301	GELC
R-7 S3	895.5	12/18/2003	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.67	4.13	13.7	—	pCi/L	Y	U	U	104282	GU0311G07R301	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.112	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.112	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	08/27/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.111	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-2425	CALA-21-232093	GELC
R-7 S3	895.5	06/10/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.112	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-1813	CALA-21-229496	GELC
R-7 S3	895.5	02/17/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.111	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-872	CALA-21-218070	GELC
R-7 S3	895.5	12/14/2020	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.116	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-607	CALA-21-211100	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.172	—	—	0.05	µg/L	Y	J	J-	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.173	—	—	0.05	µg/L	Y	J	J-	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	08/27/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.197	—	—	0.05	µg/L	Y	J	J	N3B-2021-2425	CALA-21-232093	GELC
R-7 S3	895.5	06/10/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.207	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-1813	CALA-21-229496	GELC
R-7 S3	895.5	02/17/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.204	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-872	CALA-21-218070	GELC
R-7 S3	895.5	12/14/2020	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.182	—	—	0.05	µg/L	Y	J	J	N3B-2021-607	CALA-21-211100	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00579	0.0582	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00232	0.00837	0.0466	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	08/27/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0329	0.0186	0.0773	—	pCi/L	Y	U	U	N3B-2021-2425	CALA-21-232092	GELC
R-7 S3	895.5	04/26/2005	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00394	0.00965	0.041	—	pCi/L	Y	U	U	135408	GU0504G07R301	GELC
R-7 S3	895.5	05/26/2004	UF	INIT	REG	RAD	Generic:Alpha-Spec	Plutonium-238	Pu-238	N	-0.00188	0.00498	0.029	—	pCi/L	Y	U	U	113809	GU0405G07R301	GELC
R-7 S3	895.5	12/18/2003	UF	INIT	REG	RAD	Generic:Alpha-Spec	Plutonium-238	Pu-238	N	-0.000000000985	0.00653	0.029	—	pCi/L	Y	U	U	104282	GU0311G07R301	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00868	0.00869	0.0614	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00232	0.0077	0.0493	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	08/27/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00657	0.0167	0.0804	—	pCi/L	Y	U	U	N3B-2021-2425	CALA-21-232092	GELC
R-7 S3	895.5	04/26/2005	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00197	0.00591	0.035	—	pCi/L	Y	U	U	135408	GU0504G07R301	GELC
R-7 S3	895.5	05/26/2004	UF	INIT	REG	RAD	Generic:Alpha-Spec	Plutonium-239/240	Pu-239/240	N	0.00565	0.00327	0.03	—	pCi/L	Y	U	U	113809	GU0405G07R301	GELC
R-7 S3	895.5	12/18/2003	UF	INIT	REG	RAD	Generic:Alpha-Spec	Plutonium-239/240	Pu-239/240	N	0.00206	0.00358	0.025	—	pCi/L	Y	U	U	104282	GU0311G07R301	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	1.24	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6010D	Potassium	K	Y	1.19	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	08/27/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.29	—	—	0.05	mg/L	Y	—	J+	N3B-2021-2425	CALA-21-232093	GELC
R-7 S3	895.5	06/10/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.37	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1813	CALA-21-229496	GELC
R-7 S3	895.5	02/17/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.34	—	—	0.05	mg/L	Y	—	J+	N3B-2021-872	CALA-21-218070	GELC
R-7 S3	895.5	12/14/2020	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	1.43	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-607	CALA-21-211100	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	90.2	16.5	40.8	—	pCi/L	Y	—	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-47.3	24.7	67.7	—	pCi/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	08/27/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	3.8	17	75	—	pCi/L	Y	U	U	N3B-2021-2425	CALA-21-232092	GELC
R-7 S3	895.5	04/26/2005	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	19.3	13.1	46.5	—	pCi/L	Y	U	U	135408	GU0504G07R301	GELC
R-7 S3	895.5	05/26/2004	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	6.41	16.4	33.6	—	pCi/L	Y	U	U	113809	GU0405G07R301	GELC
R-7 S3	895.5	12/18/2003	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0	7.12	27.4	—	pCi/L	Y	UUI	R	104282	GU0311G07R301	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.502	0.158	0.37	—	pCi/L	Y	—	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.541	0.148	0.273	—	pCi/L	Y	—	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	08/27/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.902	0.206	0.329	—	pCi/L	Y	—	NQ	N3B-2021-2425	CALA-21-232092	GELC
R-7 S3	895.5	04/26/2005	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.431	0.159	0.435	—	pCi/L	Y	U	U	135408	GU0504G07R301	GELC
R-7 S3	895.5	05/26/2004	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.128	0.165	0.602	—	pCi/L	Y	U	U	113809	GU0405G07R301	GELC
R-7 S3	895.5	05/26/2004	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	3.25	3.7	6.87	—	pCi/L	Y	U	U	113809	GU0405G07R301	GELC
R-7 S3	895.5	12/18/2003	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	0	1.16	4.28	—	pCi/L	Y	UUI	R	104282	GU0311G07R301	GELC
R-7 S3	895.5	12/18/2003	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.571	0.181	0.474	—	pCi/L	Y	—	J	104282	GU0311G07R301	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	1.07	0.285	—	—	pCi/L	Y	J	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	1.29	0.33	—	—	pCi/L	Y	J	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	08/27/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.14	0.299	—	—	pCi/L	Y	—	NQ	N3B-2021-2425	CALA-21-232092	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.569	0.238	0.706	—	pCi/L	Y	U	UJ	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.748	0.295	0.87	—	pCi/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	08/27/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.242	0.217	0.739	—	pCi/L	Y	U	U	N3B-2021-2425	CALA-21-232092	GELC
R-7 S3	895.5	05/26/2004	UF	INIT	REG	RAD	EPA:901.1	Radium-228	Ra-228	N	2.16	3.92	14.9	—	pCi/L	Y	U	U	113809	GU0405G07R301	GELC
R-7 S3	895.5	12/18/2003	UF	INIT	REG	RAD	EPA:901.1	Radium-228	Ra-228	N	4.92	1.84	6.98	—	pCi/L	Y	U	U	104282	GU0311G07R301	GELC
R-7 S3	895.5	08/06/2002	UF	INIT	REG	RAD	EPA:901.1	Radium-228	Ra-228	N	7.01	5.99	13.5	—	pCi/L	Y	U	U	65016	GU0207G07R301	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	65.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	65.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	08/27/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2425	CALA-21-232093	GELC
R-7 S3	895.5	06/10/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-1813	CALA-21-229496	GELC
R-7 S3	895.5	02/17/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-872	CALA-21-218070	GELC
R-7 S3	895.5	12/14/2020	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-607	CALA-21-211100	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	8.94	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6010D	Sodium	Na	Y	8.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	08/27/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.22	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2425	CALA-21-232093	GELC
R-7 S3	895.5	06/10/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.61	—	—	0.1	mg/L	Y	N	J-	N3B-2021-1813	CALA-21-229496	GELC
R-7 S3	895.5	02/17/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.66	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-872	CALA-21-218070	GELC
R-7 S3	895.5	12/14/2020	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	9.39	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-607	CALA-21-211100	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.19	1.29	5.26	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	1.43	1.54	5.98	—	pCi/L	Y	U	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	08/27/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.65	1.09	2.92	—	pCi/L	Y	U	U	N3B-2021-2425	CALA-21-232092	GELC
R-7 S3	895.5	04/26/2005	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.231	1.13	4.18	—	pCi/L	Y	U	U	135408	GU0504G07R301	GELC
R-7 S3	895.5	05/26/2004	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.926	1.03	4.16	—	pCi/L	Y	U	U	113809	GU0405G07R301	GELC
R-7 S3	895.5	12/18/2003	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.111	0.556	1.97	—	pCi/L	Y	U	U	104282	GU0311G07R301	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	118	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	120	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	08/27/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	144	—	—	1	µS/cm	Y	—	NQ	N3B-2021-2425	CALA-21-232093	GELC
R-7 S3	895.5	06/10/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	125	—	—	1	µS/cm	Y	—	NQ	N3B-2021-1813	CALA-21-229496	GELC
R-7 S3	895.5	02/17/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	132	—	—	1	µS/cm	Y	—	NQ	N3B-2021-872	CALA-21-218070	GELC
R-7 S3	895.5	12/14/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	125	—	—	1	µS/cm	Y	—	NQ	N3B-2021-607	CALA-21-211100	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	53.6	—	—	1	µg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6010D	Strontium	Sr	Y	53.2	—	—	1	µg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	08/27/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	52.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-2425	CALA-21-232093	GELC
R-7 S3	895.5	06/10/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	56	—	—	1	µg/L	Y	—	NQ	N3B-2021-1813	CALA-21-229496	GELC
R-7 S3	895.5	02/17/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	51.8	—	—	1	µg/L	Y	—	NQ	N3B-2021-872	CALA-21-218070	GELC
R-7 S3	895.5	12/14/2020	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	50.1	—	—	1	µg/L	Y	—	NQ	N3B-2021-607	CALA-21-211100	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.176	0.147	0.493	—	pCi/L	Y	U	UJ	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.629	0.177	0.488	—	pCi/L	Y	—	U	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	08/27/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.184	0.143	0.487	—	pCi/L	Y	U	U	N3B-2021-2425	CALA-21-232092	GELC
R-7 S3	895.5	04/26/2005	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0758	0.0694	0.23	—	pCi/L	Y	U	U	135408	GU0504G07R301	GELC
R-7 S3	895.5	05/26/2004	UF	INIT	REG	RAD	Generic:GFPC Tc-99	Strontium-90	Sr-90	N	-0.0142	0.0512	0.245	—	pCi/L	Y	U	U	113809	GU0405G07R301	GELC
R-7 S3	895.5	12/18/2003	UF	INIT	REG	RAD	Generic:GFPC Tc-99	Strontium-90	Sr-90	N	0.128	0.0491	0.148	—	pCi/L	Y	U	U	104282	GU0311G07R301	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.48	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.46	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	08/27/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.54	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-2425	CALA-21-232093	GELC
R-7 S3	895.5	06/10/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.43	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-1813	CALA-21-229496	GELC
R-7 S3	895.5	02/17/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.45	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-872	CALA-21-218070	GELC
R-7 S3	895.5	12/14/2020	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	1.37	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-607	CALA-21-211100	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	115	—	—	2.38	mg/L	Y	—	J	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	117	—	—	2.38	mg/L	Y	—	J	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	08/27/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-2425	CALA-21-232093	GELC
R-7 S3	895.5	06/10/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	120	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-1813	CALA-21-229496	GELC
R-7 S3	895.5	02/17/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	179	—	—	3.4	mg/L	Y	H	J-	N3B-2021-872	CALA-21-218070	GELC
R-7 S3	895.5	12/14/2020	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	114	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-607	CALA-21-211100	GELC
R-7 S3	895.5	9/15/2022	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.204	0.997	3.054	–	pCi/L	Y	U	UJ	N3B-2022-3360	CALA-22-258585	ARSL
R-7 S3	895.5	9/15/2022	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.274	0.879	2.83	–	pCi/L	Y	U	UJ	N3B-2022-3360	CALA-22-258589	ARSL
R-7 S3	895.5	8/27/2021	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.827	0.916	3.021	–	pCi/L	Y	U*	UJ	N3B-2022-118	CALA-21-232092	ARSL

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.934	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.925	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	08/27/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.88	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2425	CALA-21-232093	GELC
R-7 S3	895.5	06/10/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.839	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-1813	CALA-21-229496	GELC
R-7 S3	895.5	02/17/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.858	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-872	CALA-21-218070	GELC
R-7 S3	895.5	12/14/2020	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.95	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-607	CALA-21-211100	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.663	0.0639	0.069	—	pCi/L	Y	—	NQ	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.528	0.0525	0.0615	—	pCi/L	Y	—	NQ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	08/27/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.661	0.0441	0.0666	—	pCi/L	Y	—	NQ	N3B-2021-2425	CALA-21-232092	GELC
R-7 S3	895.5	04/26/2005	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.163	0.0273	0.121	—	pCi/L	Y	—	J	135408	GU0504G07R301	GELC
R-7 S3	895.5	05/26/2004	UF	INIT	REG	RAD	Generic:Alpha-Spec	Uranium-234	U-234	N	0.0574	0.0122	0.067	—	pCi/L	Y	U	U	113809	GU0405G07R301	GELC
R-7 S3	895.5	12/18/2003	UF	INIT	REG	RAD	Generic:Alpha-Spec	Uranium-234	U-234	Y	0.111	0.018	0.049	—	pCi/L	Y	—	J	104282	GU0311G07R301	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0415	0.0165	0.0677	—	pCi/L	Y	U	UJ	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0302	0.0143	0.0603	—	pCi/L	Y	U	UJ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	08/27/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0226	0.0141	0.0498	—	pCi/L	Y	U	UJ	N3B-2021-2425	CALA-21-232092	GELC
R-7 S3	895.5	04/26/2005	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0477	0.015	0.074	—	pCi/L	Y	U	U	135408	GU0504G07R301	GELC
R-7 S3	895.5	05/26/2004	UF	INIT	REG	RAD	Generic:Alpha-Spec	Uranium-235/236	U-235/236	N	0.00994	0.00612	0.041	—	pCi/L	Y	U	U	113809	GU0405G07R301	GELC
R-7 S3	895.5	12/18/2003	UF	INIT	REG	RAD	Generic:Alpha-Spec	Uranium-235/236	U-235/236	N	0.0214	0.00814	0.028	—	pCi/L	Y	U	U	104282	GU0311G07R301	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.372	0.0436	0.0726	—	pCi/L	Y	—	NQ	N3B-2022-3222	CALA-22-258585	GELC
R-7 S3	895.5	09/15/2022	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.355	0.0402	0.0647	—	pCi/L	Y	—	NQ	N3B-2022-3222	CALA-22-258589	GELC
R-7 S3	895.5	08/27/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.274	0.0303	0.0654	—	pCi/L	Y	—	NQ	N3B-2021-2425	CALA-21-232092	GELC
R-7 S3	895.5	04/26/2005	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0396	0.0138	0.086	—	pCi/L	Y	U	U	135408	GU0504G07R301	GELC
R-7 S3	895.5	05/26/2004	UF	INIT	REG	RAD	Generic:Alpha-Spec	Uranium-238	U-238	N	0.0177	0.00833	0.048	—	pCi/L	Y	U	U	113809	GU0405G07R301	GELC
R-7 S3	895.5	05/26/2004	UF	INIT	REG	RAD	EPA:901.1	Uranium-238	U-238	N	18.1	71.8	220	—	pCi/L	Y	U	U	113809	GU0405G07R301	GELC
R-7 S3	895.5	12/18/2003	UF	INIT	REG	RAD	EPA:901.1	Uranium-238	U-238	N	42.9	45.6	79.9	—	pCi/L	Y	U	U	104282	GU0311G07R301	GELC
R-7 S3	895.5	12/18/2003	UF	INIT	REG	RAD	Generic:Alpha-Spec	Uranium-238	U-238	Y	0.0449	0.0126	0.031	—	pCi/L	Y	—	J	104282	GU0311G07R301	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	5.48	—	—	1	µg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6010D	Vanadium	V	Y	5.45	—	—	1	µg/L	Y	—	NQ	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	08/27/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.02	—	—	1	µg/L	Y	—	NQ	N3B-2021-2425	CALA-21-232093	GELC
R-7 S3	895.5	06/10/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	5.42	—	—	1	µg/L	Y	—	NQ	N3B-2021-1813	CALA-21-229496	GELC
R-7 S3	895.5	02/17/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.62	—	—	1	µg/L	Y	J	J	N3B-2021-872	CALA-21-218070	GELC
R-7 S3	895.5	12/14/2020	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	4.89	—	—	1	µg/L	Y	J	J	N3B-2021-607	CALA-21-211100	GELC
R-7 S3	895.5	09/15/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	4.56	—	—	3.3	µg/L	Y	J	J	N3B-2022-3222	CALA-22-258586	GELC
R-7 S3	895.5	09/15/2022	F	INIT	FD	Inorganic	SW-846:6010D	Zinc	Zn	Y	4.56	—	—	3.3	µg/L	Y	J	J	N3B-2022-3222	CALA-22-258590	GELC
R-7 S3	895.5	08/27/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	8.48	—	—	3.3	µg/L	Y	J	J	N3B-2021-2425	CALA-21-232093	GELC
R-7 S3	895.5	06/10/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.59	—	—	3.3	µg/L	Y	J	J	N3B-2021-1813	CALA-21-229496	GELC
R-7 S3	895.5	02/17/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	8.85	—	—	3.3	µg/L	Y	J	J	N3B-2021-872	CALA-21-218070	GELC
R-7 S3	895.5	12/14/2020	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	10.2	—	—	3.3	µg/L	Y	J	U	N3B-2021-607	CALA-21-211100	GELC
R-8 S1	705.3	09/07/2022	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-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	08/16/2021	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.35	—	—	0.01	SU	Y	H	J	N3B-2021-2307	CALA-21-232081	GELC
R-8 S1	705.3	06/23/2021	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.39	—	—	0.01	SU	Y	H	J	N3B-2021-1937	CALA-21-229500	GELC
R-8 S1	705.3	06/23/2021	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.33	—	—	0.01	SU	Y	H	J	N3B-2021-1937	CALA-21-229503	GELC
R-8 S1	705.3	02/23/2021	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.3	—	—	0.01	SU	Y	H	J	N3B-2021-920	CALA-21-218073	GELC
R-8 S1	705.3	12/15/2020	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.58	—	—	0.01	SU	Y	H	J	N3B-2021-610	CALA-21-211102	GELC
R-8 S1	705.3	12/15/2020	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.54	—	—	0.01	SU	Y	H	J	N3B-2021-610	CALA-21-211106	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.6	—	—	1.45	mg/L	Y	J	J	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	08/16/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2021-2307	CALA-21-232081	GELC
R-8 S1	705.3	06/23/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	2.77	—	—	1.45	mg/L	Y	J	J	N3B-2021-1937	CALA-21-229500	GELC
R-8 S1	705.3	06/23/2021	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	1.58	—	—	1.45	mg/L	Y	J	J	N3B-2021-1937	CALA-21-229503	GELC
R-8 S1	705.3	02/23/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2021-920	CALA-21-218073	GELC
R-8 S1	705.3	12/15/2020	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	3.18	—	—	1.45	mg/L	Y	J	J	N3B-2021-610	CALA-21-211102	GELC
R-8 S1	705.3	12/15/2020	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	3.18	—	—	1.45	mg/L	Y	J	J	N3B-2021-610	CALA-21-211106	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	08/16/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2307	CALA-21-232081	GELC
R-8 S1	705.3	06/23/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229500	GELC
R-8 S1	705.3	06/23/2021	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229503	GELC
R-8 S1	705.3	02/23/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-920	CALA-21-218073	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-8 S1	705.3	12/15/2020	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.4	—	—	1.45	mg/L	Y	—	J+	N3B-2021-610	CALA-21-211102	GELC
R-8 S1	705.3	12/15/2020	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76	—	—	1.45	mg/L	Y	—	J+	N3B-2021-610	CALA-21-211106	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0296	0.0158	0.0595	—	pCi/L	Y	U	UJ	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	08/16/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0107	0.0163	0.0631	—	pCi/L	Y	U	U	N3B-2021-2307	CALA-21-232080	GELC
R-8 S1	705.3	09/24/2015	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00231	0.00502	0.0221	—	pCi/L	Y	U	U	2015-2374	CALA-15-103993	GELC
R-8 S1	705.3	08/12/2013	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00762	0.00672	0.0213	—	pCi/L	Y	U	U	2013-1614	CALA-13-39196	GELC
R-8 S1	705.3	09/04/2012	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00673	0.00951	0.0465	—	pCi/L	Y	U	U	12-1534	CALA-12-22895	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0418	—	—	0.017	mg/L	Y	J	J	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	08/16/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0629	—	—	0.017	mg/L	Y	—	U	N3B-2021-2307	CALA-21-232081	GELC
R-8 S1	705.3	06/23/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0304	—	—	0.017	mg/L	Y	J	J	N3B-2021-1937	CALA-21-229500	GELC
R-8 S1	705.3	06/23/2021	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0417	—	—	0.017	mg/L	Y	J	J	N3B-2021-1937	CALA-21-229503	GELC
R-8 S1	705.3	02/23/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0448	—	—	0.017	mg/L	Y	J	J	N3B-2021-920	CALA-21-218073	GELC
R-8 S1	705.3	12/15/2020	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2021-610	CALA-21-211102	GELC
R-8 S1	705.3	12/15/2020	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0293	—	—	0.017	mg/L	Y	J	U	N3B-2021-610	CALA-21-211106	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.18	—	—	2	µg/L	Y	J	J	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	08/16/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.23	—	—	2	µg/L	Y	J	NQ	N3B-2021-2307	CALA-21-232081	GELC
R-8 S1	705.3	06/23/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	4.52	—	—	2	µg/L	Y	J	J	N3B-2021-1937	CALA-21-229500	GELC
R-8 S1	705.3	06/23/2021	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	4.54	—	—	2	µg/L	Y	J	J	N3B-2021-1937	CALA-21-229503	GELC
R-8 S1	705.3	02/23/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.03	—	—	2	µg/L	Y	J	J	N3B-2021-920	CALA-21-218073	GELC
R-8 S1	705.3	12/15/2020	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.96	—	—	2	µg/L	Y	J	J	N3B-2021-610	CALA-21-211102	GELC
R-8 S1	705.3	12/15/2020	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	3.85	—	—	2	µg/L	Y	J	J	N3B-2021-610	CALA-21-211106	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	31.6	—	—	1	µg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	08/16/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	31.1	—	—	1	µg/L	Y	—	NQ	N3B-2021-2307	CALA-21-232081	GELC
R-8 S1	705.3	06/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	29.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229500	GELC
R-8 S1	705.3	06/23/2021	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	30.6	—	—	1	µg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229503	GELC
R-8 S1	705.3	02/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	31.3	—	—	1	µg/L	Y	—	NQ	N3B-2021-920	CALA-21-218073	GELC
R-8 S1	705.3	12/15/2020	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	32.3	—	—	1	µg/L	Y	—	NQ	N3B-2021-610	CALA-21-211102	GELC
R-8 S1	705.3	12/15/2020	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	33	—	—	1	µg/L	Y	—	NQ	N3B-2021-610	CALA-21-211106	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	SVOC	SW-846:8270E	Bis(2-ethylhexyl)phthalate	117-81-7	Y	1.62	—	—	0.289	µg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	08/16/2021	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-2021-2307	CALA-21-232080	GELC
R-8 S1	705.3	06/23/2021	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.301	—	—	0.301	µg/L	Y	U	U	N3B-2021-1937	CALA-21-229499	GELC
R-8 S1	705.3	06/23/2021	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.299	—	—	0.299	µg/L	Y	U	U	N3B-2021-1937	CALA-21-230391	GELC
R-8 S1	705.3	02/23/2021	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.297	—	—	0.297	µg/L	Y	U	U	N3B-2021-920	CALA-21-218074	GELC
R-8 S1	705.3	12/15/2020	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.302	—	—	0.302	µg/L	Y	U	U	N3B-2021-610	CALA-21-211103	GELC
R-8 S1	705.3	12/15/2020	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.309	—	—	0.309	µg/L	Y	U	U	N3B-2021-610	CALA-21-211107	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	21.3	—	—	15	µg/L	Y	J	J	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	08/16/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	23.1	—	—	15	µg/L	Y	J	NQ	N3B-2021-2307	CALA-21-232081	GELC
R-8 S1	705.3	06/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	21.3	—	—	15	µg/L	Y	J	J	N3B-2021-1937	CALA-21-229500	GELC
R-8 S1	705.3	06/23/2021	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	22.6	—	—	15	µg/L	Y	J	J	N3B-2021-1937	CALA-21-229503	GELC
R-8 S1	705.3	02/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	23.9	—	—	15	µg/L	Y	J	J	N3B-2021-920	CALA-21-218073	GELC
R-8 S1	705.3	12/15/2020	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	20.7	—	—	15	µg/L	Y	J	J	N3B-2021-610	CALA-21-211102	GELC
R-8 S1	705.3	12/15/2020	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	21.3	—	—	15	µg/L	Y	J	J	N3B-2021-610	CALA-21-211106	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	17.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	08/16/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2307	CALA-21-232081	GELC
R-8 S1	705.3	06/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229500	GELC
R-8 S1	705.3	06/23/2021	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229503	GELC
R-8 S1	705.3	02/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-920	CALA-21-218073	GELC
R-8 S1	705.3	12/15/2020	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-610	CALA-21-211102	GELC
R-8 S1	705.3	12/15/2020	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-610	CALA-21-211106	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.42	1.37	4.67	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	08/16/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.631	2.23	5.49	—	pCi/L	Y	U	U	N3B-2021-2307	CALA-21-232080	GELC
R-8 S1	705.3	09/24/2015	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.44	1.37	5.25	—	pCi/L	Y	U	U	2015-2374	CALA-15-103993	GELC
R-8 S1	705.3	08/12/2013	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.262	1.35	4.98	—	pCi/L	Y	U	U	2013-1614	CALA-13-39196	GELC
R-8 S1	705.3	09/04/2012	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.79	1.41	4.84	—	pCi/L	Y	U	U	12-1534	CALA-12-22895	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.59	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	08/16/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.56	—	—	0.067	mg/L	Y	—	J+	N3B-2021-2307	CALA-21-232081	GELC
R-8 S1	705.3	06/23/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.63	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229500	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-8 S1	705.3	06/23/2021	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.59	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229503	GELC
R-8 S1	705.3	02/23/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.56	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-920	CALA-21-218073	GELC
R-8 S1	705.3	12/15/2020	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.63	—	—	0.067	mg/L	Y	—	J+	N3B-2021-610	CALA-21-211102	GELC
R-8 S1	705.3	12/15/2020	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.53	—	—	0.067	mg/L	Y	—	J+	N3B-2021-610	CALA-21-211106	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.24	1.29	4.47	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	08/16/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.15	1.35	6.41	—	pCi/L	Y	U	U	N3B-2021-2307	CALA-21-232080	GELC
R-8 S1	705.3	09/24/2015	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.28	1.12	4.75	—	pCi/L	Y	U	U	2015-2374	CALA-15-103993	GELC
R-8 S1	705.3	08/12/2013	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.71	1.33	4.31	—	pCi/L	Y	U	U	2013-1614	CALA-13-39196	GELC
R-8 S1	705.3	09/04/2012	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.774	1.69	6.86	—	pCi/L	Y	U	U	12-1534	CALA-12-22895	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.584	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	08/16/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.571	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2307	CALA-21-232081	GELC
R-8 S1	705.3	06/23/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.574	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229500	GELC
R-8 S1	705.3	06/23/2021	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.578	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229503	GELC
R-8 S1	705.3	02/23/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.61	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-920	CALA-21-218073	GELC
R-8 S1	705.3	12/15/2020	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.732	—	—	0.033	mg/L	Y	—	J-	N3B-2021-610	CALA-21-211102	GELC
R-8 S1	705.3	12/15/2020	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.726	—	—	0.033	mg/L	Y	—	J-	N3B-2021-610	CALA-21-211106	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.245	0.6	2.47	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	08/16/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0619	0.458	2.38	—	pCi/L	Y	U	U	N3B-2021-2307	CALA-21-232080	GELC
R-8 S1	705.3	09/24/2015	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-1.09	0.647	2.87	—	pCi/L	Y	U	U	2015-2374	CALA-15-103993	GELC
R-8 S1	705.3	08/12/2013	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.556	0.51	2.53	—	pCi/L	Y	U	U	2013-1614	CALA-13-39196	GELC
R-8 S1	705.3	09/04/2012	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.798	0.64	2.23	—	pCi/L	Y	U	U	12-1534	CALA-12-22895	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	1.51	0.86	2.82	—	pCi/L	Y	U	UJ	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	08/16/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.87	0.855	2.76	—	pCi/L	Y	U	UJ	N3B-2021-2307	CALA-21-232080	GELC
R-8 S1	705.3	09/24/2015	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.0211	0.826	2.84	—	pCi/L	Y	U	U	2015-2374	CALA-15-103993	GELC
R-8 S1	705.3	08/12/2013	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.14	1.04	2.95	—	pCi/L	Y	—	NQ	2013-1614	CALA-13-39196	GELC
R-8 S1	705.3	09/04/2012	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.41	0.874	2.37	—	pCi/L	Y	—	NQ	12-1534	CALA-12-22895	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	54	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	08/16/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	55.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2307	CALA-21-232081	GELC
R-8 S1	705.3	06/23/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	52	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229500	GELC
R-8 S1	705.3	06/23/2021	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	53.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229503	GELC
R-8 S1	705.3	02/23/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	52.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-920	CALA-21-218073	GELC
R-8 S1	705.3	12/15/2020	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	52.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-610	CALA-21-211102	GELC
R-8 S1	705.3	12/15/2020	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	53.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-610	CALA-21-211106	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	2.69	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	08/16/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.65	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2307	CALA-21-232081	GELC
R-8 S1	705.3	06/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.44	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229500	GELC
R-8 S1	705.3	06/23/2021	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.54	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229503	GELC
R-8 S1	705.3	02/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.42	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-920	CALA-21-218073	GELC
R-8 S1	705.3	12/15/2020	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.46	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-610	CALA-21-211102	GELC
R-8 S1	705.3	12/15/2020	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.47	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-610	CALA-21-211106	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.49	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	08/16/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.27	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2307	CALA-21-232081	GELC
R-8 S1	705.3	06/23/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.29	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229500	GELC
R-8 S1	705.3	06/23/2021	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.34	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229503	GELC
R-8 S1	705.3	02/23/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.42	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-920	CALA-21-218073	GELC
R-8 S1	705.3	12/15/2020	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.53	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-610	CALA-21-211102	GELC
R-8 S1	705.3	12/15/2020	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.53	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-610	CALA-21-211106	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.24	2.65	8.75	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	08/16/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.608	2.99	10.7	—	pCi/L	Y	U	U	N3B-2021-2307	CALA-21-232080	GELC
R-8 S1	705.3	09/24/2015	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.03	2.82	10.3	—	pCi/L	Y	U	U	2015-2374	CALA-15-103993	GELC
R-8 S1	705.3	08/12/2013	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.49	2.62	8.75	—	pCi/L	Y	U	U	2013-1614	CALA-13-39196	GELC
R-8 S1	705.3	09/04/2012	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.88	2.88	11	—	pCi/L	Y	U	U	12-1534	CALA-12-22895	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.705	—	—	0.6	µg/L	Y	J	J	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	08/16/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.631	—	—	0.6	µg/L	Y	J	NQ	N3B-2021-2307	CALA-21-232081	GELC
R-8 S1	705.3	06/23/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.849	—	—	0.6	µg/L	Y	J	J	N3B-2021-1937	CALA-21-229500	GELC
R-8 S1	705.3	06/23/2021	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.867	—	—	0.6	µg/L	Y	J	J	N3B-2021-1937	CALA-21-229503	GELC
R-8 S1	705.3	02/23/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.706	—	—	0.6	µg/L	Y	J	J	N3B-2021-920	CALA-21-218073	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-8 S1	705.3	12/15/2020	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2021-610	CALA-21-211102	GELC
R-8 S1	705.3	12/15/2020	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	0.635	—	—	0.6	µg/L	Y	J	J	N3B-2021-610	CALA-21-211106	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.677	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	08/16/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.556	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-2307	CALA-21-232081	GELC
R-8 S1	705.3	06/23/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.569	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229500	GELC
R-8 S1	705.3	06/23/2021	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.571	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229503	GELC
R-8 S1	705.3	02/23/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.567	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-920	CALA-21-218073	GELC
R-8 S1	705.3	12/15/2020	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.53	—	—	0.085	mg/L	Y	—	NQ	N3B-2021-610	CALA-21-211102	GELC
R-8 S1	705.3	12/15/2020	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.54	—	—	0.085	mg/L	Y	—	NQ	N3B-2021-610	CALA-21-211106	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.289	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	08/16/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.31	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2307	CALA-21-232081	GELC
R-8 S1	705.3	06/23/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.34	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229500	GELC
R-8 S1	705.3	06/23/2021	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.339	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229503	GELC
R-8 S1	705.3	02/23/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.299	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-920	CALA-21-218073	GELC
R-8 S1	705.3	12/15/2020	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.311	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-610	CALA-21-211102	GELC
R-8 S1	705.3	12/15/2020	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.302	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-610	CALA-21-211106	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0318	0.0154	0.0711	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	08/16/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0318	0.0111	0.0535	—	pCi/L	Y	U	UJ	N3B-2021-2307	CALA-21-232080	GELC
R-8 S1	705.3	09/24/2015	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00411	0.00581	0.0319	—	pCi/L	Y	U	U	2015-2374	CALA-15-103993	GELC
R-8 S1	705.3	08/12/2013	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0207	0.0132	0.0481	—	pCi/L	Y	U	U	2013-1614	CALA-13-39196	GELC
R-8 S1	705.3	09/04/2012	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00455	0.0325	—	pCi/L	Y	U	U	12-1534	CALA-12-22895	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0212	0.0141	0.0751	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	08/16/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0159	0.00991	0.0556	—	pCi/L	Y	U	U	N3B-2021-2307	CALA-21-232080	GELC
R-8 S1	705.3	09/24/2015	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00822	0.0065	0.0416	—	pCi/L	Y	U	U	2015-2374	CALA-15-103993	GELC
R-8 S1	705.3	08/12/2013	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00124	0.0116	0.0725	—	pCi/L	Y	U	U	2013-1614	CALA-13-39196	GELC
R-8 S1	705.3	09/04/2012	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00322	0.00558	0.0381	—	pCi/L	Y	U	U	12-1534	CALA-12-22895	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	2.31	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	08/16/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.16	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2307	CALA-21-232081	GELC
R-8 S1	705.3	06/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.06	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229500	GELC
R-8 S1	705.3	06/23/2021	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.13	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229503	GELC
R-8 S1	705.3	02/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.16	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-920	CALA-21-218073	GELC
R-8 S1	705.3	12/15/2020	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.15	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-610	CALA-21-211102	GELC
R-8 S1	705.3	12/15/2020	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	2.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-610	CALA-21-211106	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-18.9	18.1	59	—	pCi/L	Y	U	UJ	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	08/16/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	5.07	23.6	93.8	—	pCi/L	Y	U	U	N3B-2021-2307	CALA-21-232080	GELC
R-8 S1	705.3	09/24/2015	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	1.98	18.6	65.4	—	pCi/L	Y	U	U	2015-2374	CALA-15-103993	GELC
R-8 S1	705.3	08/12/2013	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-10.4	18.4	66.1	—	pCi/L	Y	U	U	2013-1614	CALA-13-39196	GELC
R-8 S1	705.3	09/04/2012	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	12.6	20.2	83.3	—	pCi/L	Y	U	U	12-1534	CALA-12-22895	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.438	0.179	0.515	—	pCi/L	Y	U	UJ	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	08/16/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.527	0.197	0.541	—	pCi/L	Y	U	UJ	N3B-2021-2307	CALA-21-232080	GELC
R-8 S1	705.3	04/27/2005	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	1.17	0.285	0.686	—	pCi/L	Y	—	J	135528	GU0504G08R101	GELC
R-8 S1	705.3	12/08/2004	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	Y	17.3	4.03	5.66	—	pCi/L	Y	—	R	127273	GU0411G08R101	GELC
R-8 S1	705.3	08/24/2004	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	2.73	3.34	4.83	—	pCi/L	Y	U	U	120019	GU0407G08R101	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.796	0.312	—	—	pCi/L	Y	U	UJ	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	08/16/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.21	0.274	—	—	pCi/L	Y	—	NQ	N3B-2021-2307	CALA-21-232080	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.358	0.255	0.841	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	08/16/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.684	0.191	0.54	—	pCi/L	Y	—	NQ	N3B-2021-2307	CALA-21-232080	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	52.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	08/16/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	48.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2307	CALA-21-232081	GELC
R-8 S1	705.3	06/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	44.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229500	GELC
R-8 S1	705.3	06/23/2021	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	46.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229503	GELC
R-8 S1	705.3	02/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	47.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-920	CALA-21-218073	GELC
R-8 S1	705.3	12/15/2020	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	47.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-610	CALA-21-211102	GELC
R-8 S1	705.3	12/15/2020	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	47.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-610	CALA-21-211106	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	08/16/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2307	CALA-21-232081	GELC
R-8 S1	705.3	06/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229500	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-8 S1	705.3	06/23/2021	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	12.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229503	GELC
R-8 S1	705.3	02/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.7	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-920	CALA-21-218073	GELC
R-8 S1	705.3	12/15/2020	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-610	CALA-21-211102	GELC
R-8 S1	705.3	12/15/2020	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-610	CALA-21-211106	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.539	1.16	4.32	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	08/16/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.35	1.4	5.83	—	pCi/L	Y	U	U	N3B-2021-2307	CALA-21-232080	GELC
R-8 S1	705.3	09/24/2015	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.55	1.04	4.72	—	pCi/L	Y	U	U	2015-2374	CALA-15-103993	GELC
R-8 S1	705.3	08/12/2013	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.418	1.32	5.12	—	pCi/L	Y	U	U	2013-1614	CALA-13-39196	GELC
R-8 S1	705.3	09/04/2012	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.44	1.64	5.47	—	pCi/L	Y	U	U	12-1534	CALA-12-22895	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	170	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	08/16/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	152	—	—	1	µS/cm	Y	—	NQ	N3B-2021-2307	CALA-21-232081	GELC
R-8 S1	705.3	06/23/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	161	—	—	1	µS/cm	Y	—	NQ	N3B-2021-1937	CALA-21-229500	GELC
R-8 S1	705.3	06/23/2021	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	157	—	—	1	µS/cm	Y	—	NQ	N3B-2021-1937	CALA-21-229503	GELC
R-8 S1	705.3	02/23/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	156	—	—	1	µS/cm	Y	—	NQ	N3B-2021-920	CALA-21-218073	GELC
R-8 S1	705.3	12/15/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	169	—	—	1	µS/cm	Y	—	NQ	N3B-2021-610	CALA-21-211102	GELC
R-8 S1	705.3	12/15/2020	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	174	—	—	1	µS/cm	Y	—	NQ	N3B-2021-610	CALA-21-211106	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	107	—	—	1	µg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	08/16/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	106	—	—	1	µg/L	Y	—	NQ	N3B-2021-2307	CALA-21-232081	GELC
R-8 S1	705.3	06/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	102	—	—	1	µg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229500	GELC
R-8 S1	705.3	06/23/2021	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	105	—	—	1	µg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229503	GELC
R-8 S1	705.3	02/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	107	—	—	1	µg/L	Y	—	NQ	N3B-2021-920	CALA-21-218073	GELC
R-8 S1	705.3	12/15/2020	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	104	—	—	1	µg/L	Y	—	NQ	N3B-2021-610	CALA-21-211102	GELC
R-8 S1	705.3	12/15/2020	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	105	—	—	1	µg/L	Y	—	NQ	N3B-2021-610	CALA-21-211106	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.486	0.165	0.492	—	pCi/L	Y	U	UJ	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	08/16/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0639	0.145	0.493	—	pCi/L	Y	U	U	N3B-2021-2307	CALA-21-232080	GELC
R-8 S1	705.3	09/24/2015	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.244	0.148	0.49	—	pCi/L	Y	U	U	2015-2374	CALA-15-103993	GELC
R-8 S1	705.3	08/12/2013	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.166	0.127	0.482	—	pCi/L	Y	U	U	2013-1614	CALA-13-39196	GELC
R-8 S1	705.3	09/04/2012	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.028	0.1	0.339	—	pCi/L	Y	U	U	12-1534	CALA-12-22895	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.7	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	08/16/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.79	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-2307	CALA-21-232081	GELC
R-8 S1	705.3	06/23/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.73	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229500	GELC
R-8 S1	705.3	06/23/2021	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.75	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229503	GELC
R-8 S1	705.3	02/23/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.65	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-920	CALA-21-218073	GELC
R-8 S1	705.3	12/15/2020	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.63	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-610	CALA-21-211102	GELC
R-8 S1	705.3	12/15/2020	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.62	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-610	CALA-21-211106	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	121	—	—	2.38	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	08/16/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	140	—	—	3.4	mg/L	Y	—	J	N3B-2021-2307	CALA-21-232081	GELC
R-8 S1	705.3	06/23/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	131	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229500	GELC
R-8 S1	705.3	06/23/2021	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	137	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229503	GELC
R-8 S1	705.3	02/23/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	126	—	—	3.4	mg/L	Y	—	J+	N3B-2021-920	CALA-21-218073	GELC
R-8 S1	705.3	12/15/2020	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	131	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-610	CALA-21-211102	GELC
R-8 S1	705.3	12/15/2020	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	119	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-610	CALA-21-211106	GELC
R-8 S1	705.31	9/7/2022	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.23	1.008	3.283	–	pCi/L	Y	UQ	UJ	N3B-2022-3196	CALA-22-258592	ARSL
R-8 S1	705.31	8/16/2021	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.525	0.724	2.237	–	pCi/L	Y	U	UJ	N3B-2021-2340	CALA-21-232080	ARSL
R-8 S1	705.31	9/24/2015	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.432	0.511	1.478	–	pCi/L	Y	U	U	2016-9	CALA-15-103993	ARSL
R-8 S1	705.31	8/12/2013	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.511	0.664	2.015	–	pCi/L	Y	U	U	2013-1642	CALA-13-39196	ARSL
R-8 S1	705.31	9/4/2012	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.308	0.658	2.212	–	pCi/L	Y	U	U	12-1536	CALA-12-22895	ARSL
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.332	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	08/16/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.347	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2307	CALA-21-232081	GELC
R-8 S1	705.3	06/23/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	N	0.276	—	—	0.067	µg/L	Y	—	U	N3B-2021-1937	CALA-21-229500	GELC
R-8 S1	705.3	06/23/2021	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	N	0.285	—	—	0.067	µg/L	Y	—	U	N3B-2021-1937	CALA-21-229503	GELC
R-8 S1	705.3	02/23/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.337	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-920	CALA-21-218073	GELC
R-8 S1	705.3	12/15/2020	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.386	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-610	CALA-21-211102	GELC
R-8 S1	705.3	12/15/2020	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.379	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-610	CALA-21-211106	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.252	0.0307	0.0459	—	pCi/L	Y	—	NQ	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	08/16/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.259	0.0264	0.0577	—	pCi/L	Y	—	NQ	N3B-2021-2307	CALA-21-232080	GELC
R-8 S1	705.3	09/24/2015	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.217	0.0302	0.165	—	pCi/L	Y	—	NQ	2015-2374	CALA-15-103993	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-8 S1	705.3	08/12/2013	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.195	0.0235	0.0544	—	pCi/L	Y	—	NQ	2013-1614	CALA-13-39196	GELC
R-8 S1	705.3	09/04/2012	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.102	0.0264	0.0853	—	pCi/L	Y	—	J	12-1534	CALA-12-22895	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00285	0.00855	0.0448	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	08/16/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0196	0.0101	0.0432	—	pCi/L	Y	U	UJ	N3B-2021-2307	CALA-21-232080	GELC
R-8 S1	705.3	09/24/2015	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0369	0.016	0.133	—	pCi/L	Y	U	U	2015-2374	CALA-15-103993	GELC
R-8 S1	705.3	08/12/2013	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00929	0.00929	0.0333	—	pCi/L	Y	U	U	2013-1614	CALA-13-39196	GELC
R-8 S1	705.3	09/04/2012	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0000000013	0.00955	0.0361	—	pCi/L	Y	U	U	12-1534	CALA-12-22895	GELC
R-8 S1	705.3	09/07/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.129	0.0203	0.0483	—	pCi/L	Y	—	NQ	N3B-2022-3106	CALA-22-258592	GELC
R-8 S1	705.3	08/16/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.136	0.0181	0.0567	—	pCi/L	Y	—	NQ	N3B-2021-2307	CALA-21-232080	GELC
R-8 S1	705.3	09/24/2015	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0965	0.0215	0.121	—	pCi/L	Y	U	U	2015-2374	CALA-15-103993	GELC
R-8 S1	705.3	08/12/2013	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0927	0.0164	0.0472	—	pCi/L	Y	—	NQ	2013-1614	CALA-13-39196	GELC
R-8 S1	705.3	09/04/2012	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0442	0.0161	0.0425	—	pCi/L	Y	—	J	12-1534	CALA-12-22895	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	15.5	—	—	1	µg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	08/16/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	15.5	—	—	1	µg/L	Y	—	NQ	N3B-2021-2307	CALA-21-232081	GELC
R-8 S1	705.3	06/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	13.9	—	—	1	µg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229500	GELC
R-8 S1	705.3	06/23/2021	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	14.4	—	—	1	µg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229503	GELC
R-8 S1	705.3	02/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	14.8	—	—	1	µg/L	Y	—	NQ	N3B-2021-920	CALA-21-218073	GELC
R-8 S1	705.3	12/15/2020	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	16	—	—	1	µg/L	Y	—	NQ	N3B-2021-610	CALA-21-211102	GELC
R-8 S1	705.3	12/15/2020	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	16	—	—	1	µg/L	Y	—	NQ	N3B-2021-610	CALA-21-211106	GELC
R-8 S1	705.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	3.64	—	—	3.3	µg/L	Y	J	J	N3B-2022-3106	CALA-22-258593	GELC
R-8 S1	705.3	08/16/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5.08	—	—	3.3	µg/L	Y	J	U	N3B-2021-2307	CALA-21-232081	GELC
R-8 S1	705.3	06/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.65	—	—	3.3	µg/L	Y	J	J	N3B-2021-1937	CALA-21-229500	GELC
R-8 S1	705.3	06/23/2021	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	Y	3.84	—	—	3.3	µg/L	Y	J	J	N3B-2021-1937	CALA-21-229503	GELC
R-8 S1	705.3	02/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	5.23	—	—	3.3	µg/L	Y	J	U	N3B-2021-920	CALA-21-218073	GELC
R-8 S1	705.3	12/15/2020	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2021-610	CALA-21-211102	GELC
R-8 S1	705.3	12/15/2020	F	INIT	FD	Inorganic	SW-846:6010C	Zinc	Zn	N	3.58	—	—	3.3	µg/L	Y	J	U	N3B-2021-610	CALA-21-211106	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.86	—	—	0.01	SU	Y	H	J	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.75	—	—	0.01	SU	Y	H	J	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.76	—	—	0.01	SU	Y	H	J	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	08/17/2021	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.83	—	—	0.01	SU	Y	H	J	N3B-2021-2321	CALA-21-232083	GELC
R-8 S2	821.3	06/23/2021	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.67	—	—	0.01	SU	Y	H	J	N3B-2021-1937	CALA-21-229505	GELC
R-8 S2	821.3	02/24/2021	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.61	—	—	0.01	SU	Y	H	J	N3B-2021-931	CALA-21-218076	GELC
R-8 S2	821.3	09/01/2016	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.81	—	—	0.01	SU	Y	H	NQ	2016-2335	CALA-16-124874	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	4.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	9.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	8	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	08/17/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	11.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2321	CALA-21-232083	GELC
R-8 S2	821.3	06/23/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	7.13	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229505	GELC
R-8 S2	821.3	02/24/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	5.17	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-931	CALA-21-218076	GELC
R-8 S2	821.3	09/01/2016	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	16.1	—	—	1.45	mg/L	Y	—	NQ	2016-2335	CALA-16-124874	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.2	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	08/17/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	78.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2321	CALA-21-232083	GELC
R-8 S2	821.3	06/23/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229505	GELC
R-8 S2	821.3	02/24/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-931	CALA-21-218076	GELC
R-8 S2	821.3	09/01/2016	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	81.3	—	—	1.45	mg/L	Y	—	NQ	2016-2335	CALA-16-124874	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.018	0.012	0.0579	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	08/17/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00348	0.0206	0.0618	—	pCi/L	Y	U	U	N3B-2021-2321	CALA-21-232082	GELC
R-8 S2	821.3	09/25/2015	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00104	0.00609	0.02	—	pCi/L	Y	U	U	2015-2376	CALA-15-103994	GELC
R-8 S2	821.3	08/12/2013	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00902	0.00672	0.0252	—	pCi/L	Y	U	U	2013-1614	CALA-13-39197	GELC
R-8 S2	821.3	09/05/2012	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00598	0.00598	0.0275	—	pCi/L	Y	U	U	12-1540	CALA-12-22896	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0278	—	—	0.017	mg/L	Y	J	J	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0418	—	—	0.017	mg/L	Y	J	U	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0363	—	—	0.017	mg/L	Y	J	U	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	08/17/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0668	—	—	0.017	mg/L	Y	—	U	N3B-2021-2321	CALA-21-232083	GELC
R-8 S2	821.3	06/23/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0624	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229505	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-8 S2	821.3	02/24/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0198	—	—	0.017	mg/L	Y	J	J	N3B-2021-931	CALA-21-218076	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.28	—	—	2	µg/L	Y	J	J	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.59	—	—	2	µg/L	Y	J	J	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	3.53	—	—	2	µg/L	Y	J	J	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	08/17/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.7	—	—	2	µg/L	Y	J	J	N3B-2021-2321	CALA-21-232083	GELC
R-8 S2	821.3	06/23/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	4.39	—	—	2	µg/L	Y	J	J	N3B-2021-1937	CALA-21-229505	GELC
R-8 S2	821.3	02/24/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.33	—	—	2	µg/L	Y	J	J	N3B-2021-931	CALA-21-218076	GELC
R-8 S2	821.3	09/01/2016	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	2.15	—	—	1.7	µg/L	Y	J	J	2016-2335	CALA-16-124874	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	44.9	—	—	1	µg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	44.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6010D	Barium	Ba	Y	43.3	—	—	1	µg/L	Y	—	NQ	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	08/17/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	39.7	—	—	1	µg/L	Y	—	NQ	N3B-2021-2321	CALA-21-232083	GELC
R-8 S2	821.3	06/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	36	—	—	1	µg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229505	GELC
R-8 S2	821.3	02/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	36.9	—	—	1	µg/L	Y	—	NQ	N3B-2021-931	CALA-21-218076	GELC
R-8 S2	821.3	09/01/2016	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	161	—	—	1	µg/L	Y	—	NQ	2016-2335	CALA-16-124874	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	23.4	—	—	15	µg/L	Y	J	J	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	23.5	—	—	15	µg/L	Y	J	J	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6010D	Boron	B	Y	22	—	—	15	µg/L	Y	J	J	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	08/17/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	22.6	—	—	15	µg/L	Y	J	J	N3B-2021-2321	CALA-21-232083	GELC
R-8 S2	821.3	06/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	23	—	—	15	µg/L	Y	J	J	N3B-2021-1937	CALA-21-229505	GELC
R-8 S2	821.3	02/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	26.3	—	—	15	µg/L	Y	J	J	N3B-2021-931	CALA-21-218076	GELC
R-8 S2	821.3	09/01/2016	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	30.7	—	—	15	µg/L	Y	J	J	2016-2335	CALA-16-124874	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	16.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	17.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6010D	Calcium	Ca	Y	17.2	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	08/17/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2321	CALA-21-232083	GELC
R-8 S2	821.3	06/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	16.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229505	GELC
R-8 S2	821.3	02/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	17.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-931	CALA-21-218076	GELC
R-8 S2	821.3	09/01/2016	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	12.8	—	—	0.05	mg/L	Y	—	NQ	2016-2335	CALA-16-124874	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.00817	0.849	3.19	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	08/17/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.14	0.87	4.71	—	pCi/L	Y	U	UJ	N3B-2021-2321	CALA-21-232082	GELC
R-8 S2	821.3	09/25/2015	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.401	1.15	4.37	—	pCi/L	Y	U	U	2015-2376	CALA-15-103994	GELC
R-8 S2	821.3	08/12/2013	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2.01	1.16	4.8	—	pCi/L	Y	U	U	2013-1614	CALA-13-39197	GELC
R-8 S2	821.3	09/05/2012	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.2	1.18	4.63	—	pCi/L	Y	U	U	12-1540	CALA-12-22896	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.67	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.58	—	—	0.067	mg/L	Y	—	J-	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.57	—	—	0.067	mg/L	Y	—	J-	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	08/17/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.68	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-2321	CALA-21-232083	GELC
R-8 S2	821.3	06/23/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.6	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229505	GELC
R-8 S2	821.3	02/24/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	1.6	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-931	CALA-21-218076	GELC
R-8 S2	821.3	09/01/2016	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	3.38	—	—	0.067	mg/L	Y	—	NQ	2016-2335	CALA-16-124874	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.46	—	—	3	µg/L	Y	J	J	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.43	—	—	3	µg/L	Y	J	J	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.13	—	—	3	µg/L	Y	J	J	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	08/17/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	N	3	—	—	3	µg/L	Y	U	U	N3B-2021-2321	CALA-21-232083	GELC
R-8 S2	821.3	06/23/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.42	—	—	3	µg/L	Y	J	J	N3B-2021-1937	CALA-21-229505	GELC
R-8 S2	821.3	02/24/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.06	—	—	3	µg/L	Y	J	J	N3B-2021-931	CALA-21-218076	GELC
R-8 S2	821.3	09/01/2016	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.55	—	—	3	µg/L	Y	J	J	2016-2335	CALA-16-124874	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.758	0.95	3.17	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	08/17/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.449	1.09	4.15	—	pCi/L	Y	U	U	N3B-2021-2321	CALA-21-232082	GELC
R-8 S2	821.3	09/25/2015	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.73	1.27	5.39	—	pCi/L	Y	U	U	2015-2376	CALA-15-103994	GELC
R-8 S2	821.3	08/12/2013	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.432	1.33	4.99	—	pCi/L	Y	U	U	2013-1614	CALA-13-39197	GELC
R-8 S2	821.3	09/05/2012	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.22	1.23	5.31	—	pCi/L	Y	U	U	12-1540	CALA-12-22896	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.587	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.604	—	—	0.033	mg/L	Y	—	J-	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.602	—	—	0.033	mg/L	Y	—	J-	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	08/17/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.506	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2321	CALA-21-232083	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-8 S2	821.3	06/23/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.573	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229505	GELC
R-8 S2	821.3	02/24/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.603	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-931	CALA-21-218076	GELC
R-8 S2	821.3	09/01/2016	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.282	—	—	0.033	mg/L	Y	—	NQ	2016-2335	CALA-16-124874	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	-0.0522	0.533	2.55	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	08/17/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.2	0.747	2.39	—	pCi/L	Y	U	UJ	N3B-2021-2321	CALA-21-232082	GELC
R-8 S2	821.3	09/25/2015	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0421	0.724	2.89	—	pCi/L	Y	U	U	2015-2376	CALA-15-103994	GELC
R-8 S2	821.3	08/12/2013	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.697	0.536	2.75	—	pCi/L	Y	U	U	2013-1614	CALA-13-39197	GELC
R-8 S2	821.3	09/05/2012	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.428	0.711	2.84	—	pCi/L	Y	U	U	12-1540	CALA-12-22896	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	N	2.3	0.906	2.8	—	pCi/L	Y	U	UJ	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	08/17/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	7.94	1.04	2.61	—	pCi/L	Y	—	J	N3B-2021-2321	CALA-21-232082	GELC
R-8 S2	821.3	09/25/2015	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.84	0.68	1.85	—	pCi/L	Y	—	NQ	2015-2376	CALA-15-103994	GELC
R-8 S2	821.3	08/12/2013	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.95	0.884	2.82	—	pCi/L	Y	U	U	2013-1614	CALA-13-39197	GELC
R-8 S2	821.3	09/05/2012	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.15	0.78	1.99	—	pCi/L	Y	—	NQ	12-1540	CALA-12-22896	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	53.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	55.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	54.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	08/17/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	55.5	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2321	CALA-21-232083	GELC
R-8 S2	821.3	06/23/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	52.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229505	GELC
R-8 S2	821.3	02/24/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	54.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-931	CALA-21-218076	GELC
R-8 S2	821.3	09/01/2016	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	50.6	—	—	0.453	mg/L	Y	—	NQ	2016-2335	CALA-16-124874	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	3.17	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	2.9	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6010D	Magnesium	Mg	Y	2.88	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	08/17/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.85	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2321	CALA-21-232083	GELC
R-8 S2	821.3	06/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.79	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229505	GELC
R-8 S2	821.3	02/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	2.6	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-931	CALA-21-218076	GELC
R-8 S2	821.3	09/01/2016	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	4.52	—	—	0.11	mg/L	Y	—	NQ	2016-2335	CALA-16-124874	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.57	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.6	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.49	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	08/17/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.41	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2321	CALA-21-232083	GELC
R-8 S2	821.3	06/23/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.47	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229505	GELC
R-8 S2	821.3	02/24/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.53	—	—	0.2	µg/L	Y	—	J+	N3B-2021-931	CALA-21-218076	GELC
R-8 S2	821.3	09/01/2016	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.14	—	—	0.3	µg/L	Y	—	NQ	2016-2335	CALA-16-124874	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.175	1.97	6.72	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	08/17/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.58	2.23	8.64	—	pCi/L	Y	U	U	N3B-2021-2321	CALA-21-232082	GELC
R-8 S2	821.3	09/25/2015	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.9	2.52	9.09	—	pCi/L	Y	U	U	2015-2376	CALA-15-103994	GELC
R-8 S2	821.3	08/12/2013	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.32	2.54	8.74	—	pCi/L	Y	U	U	2013-1614	CALA-13-39197	GELC
R-8 S2	821.3	09/05/2012	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	3.05	2.59	9.87	—	pCi/L	Y	U	U	12-1540	CALA-12-22896	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.58	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.587	—	—	0.017	mg/L	Y	—	J-	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.586	—	—	0.017	mg/L	Y	—	J-	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	08/17/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.609	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-2321	CALA-21-232083	GELC
R-8 S2	821.3	06/23/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.619	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229505	GELC
R-8 S2	821.3	02/24/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.608	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-931	CALA-21-218076	GELC
R-8 S2	821.3	09/01/2016	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.487	—	—	0.085	mg/L	Y	—	NQ	2016-2335	CALA-16-124874	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.293	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.328	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.319	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	08/17/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.326	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2321	CALA-21-232083	GELC
R-8 S2	821.3	06/23/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.347	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229505	GELC
R-8 S2	821.3	02/24/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.322	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-931	CALA-21-218076	GELC
R-8 S2	821.3	09/01/2016	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.416	—	—	0.05	µg/L	Y	—	NQ	2016-2335	CALA-16-124874	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0205	0.0191	0.103	—	pCi/L	Y	U	UJ	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	08/17/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00235	0.00779	0.0553	—	pCi/L	Y	U	U	N3B-2021-2321	CALA-21-232082	GELC
R-8 S2	821.3	09/25/2015	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00313	0.00532	0.0192	—	pCi/L	Y	U	U	2015-2376	CALA-15-103994	GELC
R-8 S2	821.3	08/12/2013	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00272	0.0153	0.0487	—	pCi/L	Y	U	U	2013-1614	CALA-13-39197	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-8 S2	821.3	09/05/2012	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00254	0.00439	0.0256	—	pCi/L	Y	U	U	12-1540	CALA-12-22896	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0409	0.0177	0.109	—	pCi/L	Y	U	UJ	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	08/17/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00235	0.0108	0.0575	—	pCi/L	Y	U	U	N3B-2021-2321	CALA-21-232082	GELC
R-8 S2	821.3	09/25/2015	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00625	0.00759	0.0252	—	pCi/L	Y	U	U	2015-2376	CALA-15-103994	GELC
R-8 S2	821.3	08/12/2013	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0236	0.0186	0.0734	—	pCi/L	Y	U	U	2013-1614	CALA-13-39197	GELC
R-8 S2	821.3	09/05/2012	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00254	0.00567	0.03	—	pCi/L	Y	U	U	12-1540	CALA-12-22896	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	2.32	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	2.29	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6010D	Potassium	K	Y	2.27	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	08/17/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2321	CALA-21-232083	GELC
R-8 S2	821.3	06/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.11	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229505	GELC
R-8 S2	821.3	02/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	2.37	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-931	CALA-21-218076	GELC
R-8 S2	821.3	09/01/2016	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.13	—	—	0.05	mg/L	Y	—	NQ	2016-2335	CALA-16-124874	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	29.1	22.4	26.4	—	pCi/L	Y	UI	UJ	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	08/17/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	35.8	17.3	30.5	—	pCi/L	Y	UI	U	N3B-2021-2321	CALA-21-232082	GELC
R-8 S2	821.3	09/25/2015	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	8.39	17.8	66.3	—	pCi/L	Y	U	U	2015-2376	CALA-15-103994	GELC
R-8 S2	821.3	08/12/2013	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	0.877	17.8	68.5	—	pCi/L	Y	U	U	2013-1614	CALA-13-39197	GELC
R-8 S2	821.3	09/05/2012	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	11.4	19.5	74.3	—	pCi/L	Y	U	U	12-1540	CALA-12-22896	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.413	0.149	0.359	—	pCi/L	Y	—	NQ	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	08/17/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.361	0.155	0.444	—	pCi/L	Y	U	UJ	N3B-2021-2321	CALA-21-232082	GELC
R-8 S2	821.3	04/28/2005	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.43	0.178	0.524	—	pCi/L	Y	U	U	135560	GU0504G08R201	GELC
R-8 S2	821.3	12/09/2004	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	Y	22.2	5	6.81	—	pCi/L	Y	—	R	127273	GU0411G08R201	GELC
R-8 S2	821.3	08/25/2004	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	5.59	2.2	8.55	—	pCi/L	Y	U	U	120126	GU0407G08R201	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.702	0.281	—	—	pCi/L	Y	J	J	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	08/17/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.46	0.28	—	—	pCi/L	Y	—	NQ	N3B-2021-2321	CALA-21-232082	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.289	0.239	0.802	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	08/17/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	1.1	0.232	0.618	—	pCi/L	Y	—	NQ	N3B-2021-2321	CALA-21-232082	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	58.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	54.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	54.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	08/17/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	54	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2321	CALA-21-232083	GELC
R-8 S2	821.3	06/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	52.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229505	GELC
R-8 S2	821.3	02/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	52.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-931	CALA-21-218076	GELC
R-8 S2	821.3	09/01/2016	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.3	—	—	0.053	mg/L	Y	—	NQ	2016-2335	CALA-16-124874	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6010D	Sodium	Na	Y	12.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	08/17/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	12.4	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2321	CALA-21-232083	GELC
R-8 S2	821.3	06/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	11.6	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229505	GELC
R-8 S2	821.3	02/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	13.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-931	CALA-21-218076	GELC
R-8 S2	821.3	09/01/2016	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	16	—	—	0.1	mg/L	Y	—	NQ	2016-2335	CALA-16-124874	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.72	0.868	2.91	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	08/17/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.336	0.842	3.35	—	pCi/L	Y	U	U	N3B-2021-2321	CALA-21-232082	GELC
R-8 S2	821.3	09/25/2015	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.676	1.49	5.19	—	pCi/L	Y	U	U	2015-2376	CALA-15-103994	GELC
R-8 S2	821.3	08/12/2013	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.12	1.21	5.35	—	pCi/L	Y	U	U	2013-1614	CALA-13-39197	GELC
R-8 S2	821.3	09/05/2012	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.168	0.993	4.15	—	pCi/L	Y	U	U	12-1540	CALA-12-22896	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	168	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	168	—	—	1	µS/cm	Y	—	NQ	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	170	—	—	1	µS/cm	Y	—	NQ	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	08/17/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	157	—	—	1	µS/cm	Y	—	NQ	N3B-2021-2321	CALA-21-232083	GELC
R-8 S2	821.3	06/23/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	155	—	—	1	µS/cm	Y	—	NQ	N3B-2021-1937	CALA-21-229505	GELC
R-8 S2	821.3	02/24/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	149	—	—	1	µS/cm	Y	—	NQ	N3B-2021-931	CALA-21-218076	GELC
R-8 S2	821.3	09/01/2016	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	168	—	—	3.63	µS/cm	Y	—	NQ	2016-2335	CALA-16-124874	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	148	—	—	1	µg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	143	—	—	1	µg/L	Y	—	NQ	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6010D	Strontium	Sr	Y	141	—	—	1	µg/L	Y	—	NQ	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	08/17/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	132	—	—	1	µg/L	Y	—	NQ	N3B-2021-2321	CALA-21-232083	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-8 S2	821.3	06/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	120	—	—	1	µg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229505	GELC
R-8 S2	821.3	02/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	129	—	—	1	µg/L	Y	—	NQ	N3B-2021-931	CALA-21-218076	GELC
R-8 S2	821.3	09/01/2016	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	140	—	—	1	µg/L	Y	—	NQ	2016-2335	CALA-16-124874	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0483	0.102	0.345	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	08/17/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.33	0.147	0.481	—	pCi/L	Y	U	UJ	N3B-2021-2321	CALA-21-232082	GELC
R-8 S2	821.3	09/25/2015	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.318	0.106	0.489	—	pCi/L	Y	U	U	2015-2376	CALA-15-103994	GELC
R-8 S2	821.3	08/12/2013	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.148	0.13	0.497	—	pCi/L	Y	U	U	2013-1614	CALA-13-39197	GELC
R-8 S2	821.3	09/05/2012	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.049	0.139	0.468	—	pCi/L	Y	U	U	12-1540	CALA-12-22896	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.88	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.78	—	—	0.133	mg/L	Y	—	J-	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.77	—	—	0.133	mg/L	Y	—	J-	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	08/17/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.92	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-2321	CALA-21-232083	GELC
R-8 S2	821.3	06/23/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.83	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229505	GELC
R-8 S2	821.3	02/24/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	2.68	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-931	CALA-21-218076	GELC
R-8 S2	821.3	09/01/2016	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	3.75	—	—	0.133	mg/L	Y	—	NQ	2016-2335	CALA-16-124874	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	116	—	—	2.38	mg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	103	—	—	3.4	mg/L	Y	—	J	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	159	—	—	3.4	mg/L	Y	—	J	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	08/17/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	119	—	—	3.4	mg/L	Y	—	J	N3B-2021-2321	CALA-21-232083	GELC
R-8 S2	821.3	06/23/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	144	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229505	GELC
R-8 S2	821.3	02/24/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	129	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-931	CALA-21-218076	GELC
R-8 S2	821.3	09/01/2016	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	164	—	—	3.4	mg/L	Y	—	NQ	2016-2335	CALA-16-124874	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0432	—	—	0.033	mg/L	Y	J	J	N3B-2022-595	CALA-22-236931	GELC
R-8 S2	821.3	12/20/2021	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2022-595	CALA-22-236933	GELC
R-8 S2	821.3	08/17/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0479	—	—	0.033	mg/L	Y	J	J	N3B-2021-2321	CALA-21-232082	GELC
R-8 S2	821.3	06/23/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2021-1937	CALA-21-229504	GELC
R-8 S2	821.3	02/24/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0667	—	—	0.033	mg/L	Y	J	J+	N3B-2021-931	CALA-21-218077	GELC
R-8 S2	821.3	09/01/2016	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.1	—	—	0.033	mg/L	Y	U	UJ	2016-2335	CALA-16-124858	GELC
R-8 S2	821.3	9/7/2022	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.467	0.922	3.136	–	pCi/L	Y	UQ	UJ	N3B-2022-3196	CALA-22-258596	ARSL
R-8 S2	821.3	8/17/2021	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	3.466	1.049	2.885	–	pCi/L	Y	–	NQ	N3B-2021-2340	CALA-21-232082	ARSL
R-8 S2	821.3	9/25/2015	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.467	0.635	2.117	–	pCi/L	Y	U	U	2016-9	CALA-15-103994	ARSL
R-8 S2	821.3	8/12/2013	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.659	0.666	1.986	–	pCi/L	Y	U	U	2013-1642	CALA-13-39197	ARSL
R-8 S2	821.3	9/5/2012	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.565	0.715	2.191	–	pCi/L	Y	U	U	12-1538	CALA-12-22896	ARSL
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.315	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.37	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.371	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	08/17/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.341	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2321	CALA-21-232083	GELC
R-8 S2	821.3	06/23/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	N	0.223	—	—	0.067	µg/L	Y	—	U	N3B-2021-1937	CALA-21-229505	GELC
R-8 S2	821.3	02/24/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.312	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-931	CALA-21-218076	GELC
R-8 S2	821.3	09/01/2016	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	0.458	—	—	0.067	µg/L	Y	—	NQ	2016-2335	CALA-16-124874	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.194	0.0293	0.0567	—	pCi/L	Y	—	NQ	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	08/17/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.248	0.0276	0.0605	—	pCi/L	Y	—	NQ	N3B-2021-2321	CALA-21-232082	GELC
R-8 S2	821.3	09/25/2015	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.624	0.0464	0.137	—	pCi/L	Y	—	NQ	2015-2376	CALA-15-103994	GELC
R-8 S2	821.3	08/12/2013	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.481	0.036	0.0555	—	pCi/L	Y	—	NQ	2013-1614	CALA-13-39197	GELC
R-8 S2	821.3	09/05/2012	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.448	0.0356	0.0624	—	pCi/L	Y	—	NQ	12-1540	CALA-12-22896	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00000000235	0.0111	0.0554	—	pCi/L	Y	U	U	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	08/17/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0234	0.0101	0.0452	—	pCi/L	Y	U	UJ	N3B-2021-2321	CALA-21-232082	GELC
R-8 S2	821.3	09/25/2015	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0589	0.0166	0.111	—	pCi/L	Y	U	U	2015-2376	CALA-15-103994	GELC
R-8 S2	821.3	08/12/2013	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0126	0.01	0.034	—	pCi/L	Y	U	U	2013-1614	CALA-13-39197	GELC
R-8 S2	821.3	09/05/2012	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0228	0.0107	0.0264	—	pCi/L	Y	U	U	12-1540	CALA-12-22896	GELC
R-8 S2	821.3	09/07/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0826	0.0204	0.0597	—	pCi/L	Y	—	NQ	N3B-2022-3106	CALA-22-258596	GELC
R-8 S2	821.3	08/17/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.114	0.018	0.0595	—	pCi/L	Y	—	NQ	N3B-2021-2321	CALA-21-232082	GELC
R-8 S2	821.3	09/25/2015	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.278	0.0315	0.101	—	pCi/L	Y	—	NQ	2015-2376	CALA-15-103994	GELC
R-8 S2	821.3	08/12/2013	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.24	0.0251	0.0482	—	pCi/L	Y	—	NQ	2013-1614	CALA-13-39197	GELC
R-8 S2	821.3	09/05/2012	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.192	0.0223	0.0311	—	pCi/L	Y	—	NQ	12-1540	CALA-12-22896	GELC
R-8 S2	821.3	09/07/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	17.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-3106	CALA-22-258597	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	17.3	—	—	1	µg/L	Y	—	NQ	N3B-2022-595	CALA-22-236930	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6010D	Vanadium	V	Y	17.2	—	—	1	µg/L	Y	—	NQ	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	08/17/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	16.8	—	—	1	µg/L	Y	—	NQ	N3B-2021-2321	CALA-21-232083	GELC
R-8 S2	821.3	06/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	16	—	—	1	µg/L	Y	—	NQ	N3B-2021-1937	CALA-21-229505	GELC
R-8 S2	821.3	02/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	17	—	—	1	µg/L	Y	—	NQ	N3B-2021-931	CALA-21-218076	GELC
R-8 S2	821.3	09/01/2016	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	11.4	—	—	1	µg/L	Y	—	NQ	2016-2335	CALA-16-124874	GELC
R-8 S2	821.3	12/20/2021	F	INIT	REG	Inorganic	SW-846:6010D	Zinc	Zn	Y	5.42	—	—	3.3	µg/L	Y	J	J	N3B-2022-595	CALA-22-236930	GELC
R-8 S2	821.3	12/20/2021	F	INIT	FD	Inorganic	SW-846:6010D	Zinc	Zn	Y	4.63	—	—	3.3	µg/L	Y	J	J	N3B-2022-595	CALA-22-236932	GELC
R-8 S2	821.3	08/17/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	4.29	—	—	3.3	µg/L	Y	J	J	N3B-2021-2321	CALA-21-232083	GELC
R-8 S2	821.3	06/23/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	Y	3.56	—	—	3.3	µg/L	Y	J	J	N3B-2021-1937	CALA-21-229505	GELC
R-8 S2	821.3	02/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	10.3	—	—	3.3	µg/L	Y	J	U	N3B-2021-931	CALA-21-218076	GELC
R-8 S2	821.3	09/01/2016	F	INIT	REG	Inorganic	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2016-2335	CALA-16-124874	GELC
R-9	683.0	09/20/2022	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.43	—	—	0.01	SU	Y	H	J	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	08/18/2021	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.25	—	—	0.01	SU	Y	H	J	N3B-2021-2336	CALA-21-232089	GELC
R-9	683.0	08/18/2021	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.25	—	—	0.01	SU	Y	H	J	N3B-2021-2336	CALA-21-232124	GELC
R-9	683.0	08/26/2020	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-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	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-2020-1614	CALA-20-199316	GELC
R-9	683.0	09/16/2019	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-2019-3296	CALA-19-185317	GELC
R-9	683.0	09/17/2018	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.21	—	—	0.01	SU	Y	H	NQ	N3B-2018-3897	CALA-18-160776	GELC
R-9	683.0	09/20/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	Y	3.6	—	—	1.45	mg/L	Y	J	J	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	08/18/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2021-2336	CALA-21-232089	GELC
R-9	683.0	08/18/2021	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2021-2336	CALA-21-232124	GELC
R-9	683.0	08/26/2020	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2020-1614	CALA-20-199316	GELC
R-9	683.0	09/16/2019	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2019-3296	CALA-19-185317	GELC
R-9	683.0	09/17/2018	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	1.45	mg/L	Y	U	U	N3B-2018-3897	CALA-18-160776	GELC
R-9	683.0	09/20/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	120	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	08/18/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	117	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2336	CALA-21-232089	GELC
R-9	683.0	08/18/2021	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	115	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2336	CALA-21-232124	GELC
R-9	683.0	08/26/2020	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	116	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	116	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
R-9	683.0	09/16/2019	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	115	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3296	CALA-19-185317	GELC
R-9	683.0	09/17/2018	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	118	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160776	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0224	0.0132	0.0515	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	08/18/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0216	0.0191	0.064	—	pCi/L	Y	U	U	N3B-2021-2336	CALA-21-232088	GELC
R-9	683.0	08/18/2021	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00341	0.0141	0.0605	—	pCi/L	Y	U	U	N3B-2021-2336	CALA-21-232123	GELC
R-9	683.0	08/26/2020	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0236	0.0102	0.0521	—	pCi/L	Y	U	UJ	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0116	0.00773	0.0342	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	09/16/2019	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.009	0.0124	0.0406	—	pCi/L	Y	U	U	N3B-2019-3296	CALA-19-185316	GELC
R-9	683.0	09/17/2018	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0115	0.0124	0.0462	—	pCi/L	Y	U	U	N3B-2018-3897	CALA-18-160777	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.36	—	—	2	µg/L	Y	J	J	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	08/18/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.02	—	—	2	µg/L	Y	J	J	N3B-2021-2336	CALA-21-232089	GELC
R-9	683.0	08/18/2021	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	2.74	—	—	2	µg/L	Y	J	J	N3B-2021-2336	CALA-21-232124	GELC
R-9	683.0	08/26/2020	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	4.53	—	—	2	µg/L	Y	J	J	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	4.32	—	—	2	µg/L	Y	J	J	N3B-2020-1614	CALA-20-199316	GELC
R-9	683.0	09/16/2019	F	INIT	REG	Inorganic	SW-846:6020A	Arsenic	As	N	4.63	—	—	2	µg/L	Y	J	U	N3B-2019-3296	CALA-19-185317	GELC
R-9	683.0	09/17/2018	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	Y	4.24	—	—	2	µg/L	Y	J	J	N3B-2018-3897	CALA-18-160776	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	164	—	—	1	µg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	08/18/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	159	—	—	1	µg/L	Y	—	NQ	N3B-2021-2336	CALA-21-232089	GELC
R-9	683.0	08/18/2021	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	162	—	—	1	µg/L	Y	—	NQ	N3B-2021-2336	CALA-21-232124	GELC
R-9	683.0	08/26/2020	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	179	—	—	1	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	179	—	—	1	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
R-9	683.0	09/16/2019	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	172	—	—	1	µg/L	Y	—	NQ	N3B-2019-3296	CALA-19-185317	GELC
R-9	683.0	09/17/2018	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	167	—	—	1	µg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160776	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	51.6	—	—	15	µg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	08/18/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	49.1	—	—	15	µg/L	Y	J	J	N3B-2021-2336	CALA-21-232089	GELC
R-9	683.0	08/18/2021	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	50.4	—	—	15	µg/L	Y	—	NQ	N3B-2021-2336	CALA-21-232124	GELC
R-9	683.0	08/26/2020	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	57.6	—	—	15	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-9	683.0	08/26/2020	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	56.9	—	—	15	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
R-9	683.0	09/16/2019	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	44.2	—	—	15	µg/L	Y	J	J	N3B-2019-3296	CALA-19-185317	GELC
R-9	683.0	09/17/2018	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	45.1	—	—	15	µg/L	Y	J	J	N3B-2018-3897	CALA-18-160776	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	22.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	08/18/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2336	CALA-21-232089	GELC
R-9	683.0	08/18/2021	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2336	CALA-21-232124	GELC
R-9	683.0	08/26/2020	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	23	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	22.9	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
R-9	683.0	09/16/2019	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	23.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3296	CALA-19-185317	GELC
R-9	683.0	09/17/2018	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	22	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160776	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.148	0.714	2.78	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	08/18/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.63	1.32	5.46	—	pCi/L	Y	U	U	N3B-2021-2336	CALA-21-232088	GELC
R-9	683.0	08/18/2021	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0564	1.49	5.17	—	pCi/L	Y	U	U	N3B-2021-2336	CALA-21-232123	GELC
R-9	683.0	08/26/2020	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.08	1.04	4.09	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	4.48	2.44	4.25	—	pCi/L	Y	UI	U	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	09/16/2019	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.0358	1.14	4.47	—	pCi/L	Y	U	U	N3B-2019-3296	CALA-19-185316	GELC
R-9	683.0	09/17/2018	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	2	1.04	2.77	—	pCi/L	Y	U	U	N3B-2018-3897	CALA-18-160777	GELC
R-9	683.0	09/20/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.63	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	08/18/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.91	—	—	0.067	mg/L	Y	—	J+	N3B-2021-2336	CALA-21-232089	GELC
R-9	683.0	08/18/2021	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.96	—	—	0.067	mg/L	Y	—	J+	N3B-2021-2336	CALA-21-232124	GELC
R-9	683.0	08/26/2020	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.89	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	5.95	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
R-9	683.0	09/16/2019	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.1	—	—	0.067	mg/L	Y	—	J+	N3B-2019-3296	CALA-19-185317	GELC
R-9	683.0	09/17/2018	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	6.03	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160776	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.5	—	—	3	µg/L	Y	J	J	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	08/18/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.33	—	—	3	µg/L	Y	J	J	N3B-2021-2336	CALA-21-232089	GELC
R-9	683.0	08/18/2021	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.16	—	—	3	µg/L	Y	J	J	N3B-2021-2336	CALA-21-232124	GELC
R-9	683.0	08/26/2020	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	4.37	—	—	3	µg/L	Y	J	J	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.87	—	—	3	µg/L	Y	J	J	N3B-2020-1614	CALA-20-199316	GELC
R-9	683.0	09/16/2019	F	INIT	REG	Inorganic	SW-846:6020A	Chromium	Cr	Y	3.69	—	—	3	µg/L	Y	J	J	N3B-2019-3296	CALA-19-185317	GELC
R-9	683.0	09/17/2018	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	3.39	—	—	3	µg/L	Y	J	J	N3B-2018-3897	CALA-18-160776	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.752	0.773	3.21	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	08/18/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.858	1.24	4.74	—	pCi/L	Y	U	U	N3B-2021-2336	CALA-21-232088	GELC
R-9	683.0	08/18/2021	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.78	1.85	7.37	—	pCi/L	Y	U	U	N3B-2021-2336	CALA-21-232123	GELC
R-9	683.0	08/26/2020	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.303	1.14	4.37	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.505	1.24	4.9	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	09/16/2019	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.94	1.48	6.46	—	pCi/L	Y	U	U	N3B-2019-3296	CALA-19-185316	GELC
R-9	683.0	09/17/2018	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.627	1.14	4.1	—	pCi/L	Y	U	U	N3B-2018-3897	CALA-18-160777	GELC
R-9	683.0	09/20/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.363	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	08/18/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.308	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2336	CALA-21-232089	GELC
R-9	683.0	08/18/2021	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.316	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2336	CALA-21-232124	GELC
R-9	683.0	08/26/2020	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.571	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.573	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
R-9	683.0	09/16/2019	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.36	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3296	CALA-19-185317	GELC
R-9	683.0	09/17/2018	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.384	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160776	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.755	0.732	2.68	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	08/18/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.05	0.796	2.76	—	pCi/L	Y	U	UJ	N3B-2021-2336	CALA-21-232088	GELC
R-9	683.0	08/18/2021	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.21	0.662	2.07	—	pCi/L	Y	U	UJ	N3B-2021-2336	CALA-21-232123	GELC
R-9	683.0	08/26/2020	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.286	0.635	2.5	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.252	0.653	2.47	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	09/16/2019	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.69	0.786	2.92	—	pCi/L	Y	U	U	N3B-2019-3296	CALA-19-185316	GELC
R-9	683.0	09/17/2018	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.5	1.12	2.73	—	pCi/L	Y	—	NQ	N3B-2018-3897	CALA-18-160777	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	5.05	0.982	2.88	—	pCi/L	Y	—	NQ	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	08/18/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.98	1.04	2.74	—	pCi/L	Y	—	J	N3B-2021-2336	CALA-21-232088	GELC
R-9	683.0	08/18/2021	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	11.7	1.19	2.72	—	pCi/L	Y	—	J	N3B-2021-2336	CALA-21-232123	GELC
R-9	683.0	08/26/2020	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.53	0.799	2.24	—	pCi/L	Y	—	NQ	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	5.16	1.01	2.58	—	pCi/L	Y	—	NQ	N3B-2020-1614	CALA-20-199315	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-9	683.0	09/16/2019	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	2.98	0.709	2.13	—	pCi/L	Y	—	NQ	N3B-2019-3296	CALA-19-185316	GELC
R-9	683.0	09/17/2018	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.67	0.883	2.6	—	pCi/L	Y	—	NQ	N3B-2018-3897	CALA-18-160777	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	88.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	08/18/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	84.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2336	CALA-21-232089	GELC
R-9	683.0	08/18/2021	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	87	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2336	CALA-21-232124	GELC
R-9	683.0	08/26/2020	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	90.4	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	89.6	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
R-9	683.0	09/16/2019	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	88	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3296	CALA-19-185317	GELC
R-9	683.0	09/17/2018	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	82.2	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160776	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	7.6	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	08/18/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.12	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2336	CALA-21-232089	GELC
R-9	683.0	08/18/2021	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.27	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2336	CALA-21-232124	GELC
R-9	683.0	08/26/2020	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	8.02	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.87	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
R-9	683.0	09/16/2019	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.26	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3296	CALA-19-185317	GELC
R-9	683.0	09/17/2018	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.63	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160776	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.21	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	08/18/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	N	1.2	—	—	0.2	µg/L	Y	—	U	N3B-2021-2336	CALA-21-232089	GELC
R-9	683.0	08/18/2021	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	N	1.18	—	—	0.2	µg/L	Y	—	U	N3B-2021-2336	CALA-21-232124	GELC
R-9	683.0	08/26/2020	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.28	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	1.28	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
R-9	683.0	09/16/2019	F	INIT	REG	Inorganic	SW-846:6020A	Molybdenum	Mo	Y	1.29	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-3296	CALA-19-185317	GELC
R-9	683.0	09/17/2018	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	1.34	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160776	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.616	1.7	5.71	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	08/18/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.993	2.68	9.41	—	pCi/L	Y	U	U	N3B-2021-2336	CALA-21-232088	GELC
R-9	683.0	08/18/2021	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.546	2.07	7.61	—	pCi/L	Y	U	U	N3B-2021-2336	CALA-21-232123	GELC
R-9	683.0	08/26/2020	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.96	2.21	8.31	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.65	2.16	8.11	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	09/16/2019	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.64	2.52	8.46	—	pCi/L	Y	U	U	N3B-2019-3296	CALA-19-185316	GELC
R-9	683.0	09/17/2018	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.57	2	6.93	—	pCi/L	Y	U	U	N3B-2018-3897	CALA-18-160777	GELC
R-9	683.0	09/20/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.59	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	08/18/2021	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-2021-2336	CALA-21-232089	GELC
R-9	683.0	08/18/2021	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.632	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-2336	CALA-21-232124	GELC
R-9	683.0	08/26/2020	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.613	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.614	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
R-9	683.0	09/16/2019	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.659	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-3296	CALA-19-185317	GELC
R-9	683.0	09/17/2018	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.611	—	—	0.017	mg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160776	GELC
R-9	683.0	09/20/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.556	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	08/18/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.586	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2336	CALA-21-232089	GELC
R-9	683.0	08/18/2021	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.586	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2336	CALA-21-232124	GELC
R-9	683.0	08/26/2020	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.601	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.616	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
R-9	683.0	09/16/2019	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.669	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3296	CALA-19-185317	GELC
R-9	683.0	09/17/2018	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.718	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160776	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00384	0.00859	0.0771	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	08/18/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0372	0.033	0.105	—	pCi/L	Y	U	UJ	N3B-2021-2336	CALA-21-232088	GELC
R-9	683.0	08/18/2021	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00742	0.0117	0.0873	—	pCi/L	Y	U	U	N3B-2021-2336	CALA-21-232123	GELC
R-9	683.0	08/26/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	Y	0.0645	0.0171	0.0596	—	pCi/L	Y	—	NQ	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0329	0.0168	0.0607	—	pCi/L	Y	U	UJ	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	09/16/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.007	0.0107	0.0409	—	pCi/L	Y	U	U	N3B-2019-3296	CALA-19-185316	GELC
R-9	683.0	09/17/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0079	0.00739	0.0253	—	pCi/L	Y	U	U	N3B-2018-3897	CALA-18-160777	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.023	0.0122	0.0815	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	08/18/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0706	0.0223	0.109	—	pCi/L	Y	U	UJ	N3B-2021-2336	CALA-21-232088	GELC
R-9	683.0	08/18/2021	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0222	0.0128	0.0907	—	pCi/L	Y	U	U	N3B-2021-2336	CALA-21-232123	GELC
R-9	683.0	08/26/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0129	0.0137	0.0597	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00000000548	0.0154	0.0609	—	pCi/L	Y	U	UJ	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	09/16/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.035	0.0134	0.0441	—	pCi/L	Y	U	U	N3B-2019-3296	CALA-19-185316	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-9	683.0	09/17/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00987	0.00712	0.0401	—	pCi/L	Y	U	U	N3B-2018-3897	CALA-18-160777	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	3.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	08/18/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.67	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2336	CALA-21-232089	GELC
R-9	683.0	08/18/2021	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	3.77	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2336	CALA-21-232124	GELC
R-9	683.0	08/26/2020	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.67	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	3.72	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
R-9	683.0	09/16/2019	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.98	—	—	0.05	mg/L	Y	—	J+	N3B-2019-3296	CALA-19-185317	GELC
R-9	683.0	09/17/2018	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	3.44	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160776	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-36	16.5	52.5	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	08/18/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-18.1	23.2	88.1	—	pCi/L	Y	U	U	N3B-2021-2336	CALA-21-232088	GELC
R-9	683.0	08/18/2021	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	52.3	21.3	52	—	pCi/L	Y	UI	U	N3B-2021-2336	CALA-21-232123	GELC
R-9	683.0	08/26/2020	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	9.78	16.6	30.9	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	1.1	26.8	42.6	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	09/16/2019	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	23.6	18.5	74	—	pCi/L	Y	U	U	N3B-2019-3296	CALA-19-185316	GELC
R-9	683.0	09/17/2018	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-12.9	14.6	53.1	—	pCi/L	Y	U	U	N3B-2018-3897	CALA-18-160777	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.231	0.135	0.427	—	pCi/L	Y	U	UJ	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	08/18/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.204	0.122	0.39	—	pCi/L	Y	U	UJ	N3B-2021-2336	CALA-21-232088	GELC
R-9	683.0	08/18/2021	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.749	0.202	0.422	—	pCi/L	Y	—	NQ	N3B-2021-2336	CALA-21-232123	GELC
R-9	683.0	08/26/2020	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.971	0.248	0.537	—	pCi/L	Y	—	NQ	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.882	0.225	0.488	—	pCi/L	Y	—	NQ	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	08/26/2008	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.262	0.15	0.47	—	pCi/L	Y	U	U	08-1783	CALA-08-13914	GELC
R-9	683.0	01/10/2008	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.984	0.25	0.51	—	pCi/L	Y	—	NQ	08-476	CALA-08-9879	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.296	0.279	—	—	pCi/L	Y	U	UJ	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	08/18/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.34	0.275	—	—	pCi/L	Y	—	NQ	N3B-2021-2336	CALA-21-232088	GELC
R-9	683.0	08/18/2021	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.41	0.344	—	—	pCi/L	Y	—	NQ	N3B-2021-2336	CALA-21-232123	GELC
R-9	683.0	08/26/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.34	0.317	—	—	pCi/L	Y	—	NQ	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.36	0.341	—	—	pCi/L	Y	—	NQ	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.065	0.244	0.846	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	08/18/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	1.14	0.247	0.677	—	pCi/L	Y	—	NQ	N3B-2021-2336	CALA-21-232088	GELC
R-9	683.0	08/18/2021	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.658	0.278	0.887	—	pCi/L	Y	U	UJ	N3B-2021-2336	CALA-21-232123	GELC
R-9	683.0	08/26/2020	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.366	0.198	0.645	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.478	0.257	0.837	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	08/26/2008	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	-0.377	0.15	0.65	—	pCi/L	Y	U	U	08-1783	CALA-08-13914	GELC
R-9	683.0	01/10/2008	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	Y	1.09	0.31	0.77	—	pCi/L	Y	—	NQ	08-476	CALA-08-9879	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	75.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	08/18/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2336	CALA-21-232089	GELC
R-9	683.0	08/18/2021	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2336	CALA-21-232124	GELC
R-9	683.0	08/26/2020	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.6	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
R-9	683.0	09/16/2019	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	76.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3296	CALA-19-185317	GELC
R-9	683.0	09/17/2018	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160776	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	17.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	08/18/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	17.7	—	—	0.1	mg/L	Y	—	J-	N3B-2021-2336	CALA-21-232089	GELC
R-9	683.0	08/18/2021	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	18.1	—	—	0.1	mg/L	Y	—	J-	N3B-2021-2336	CALA-21-232124	GELC
R-9	683.0	08/26/2020	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	18.6	—	—	0.1	mg/L	Y	—	J-	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	18.4	—	—	0.1	mg/L	Y	—	J-	N3B-2020-1614	CALA-20-199316	GELC
R-9	683.0	09/16/2019	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	18.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3296	CALA-19-185317	GELC
R-9	683.0	09/17/2018	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	17.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160776	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.553	0.796	2.75	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	08/18/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.12	1.37	4.39	—	pCi/L	Y	U	U	N3B-2021-2336	CALA-21-232088	GELC
R-9	683.0	08/18/2021	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.82	1.44	4.09	—	pCi/L	Y	U	U	N3B-2021-2336	CALA-21-232123	GELC
R-9	683.0	08/26/2020	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.279	1.19	4.26	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.521	1.05	4.32	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	09/16/2019	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.995	1.51	6.16	—	pCi/L	Y	U	U	N3B-2019-3296	CALA-19-185316	GELC
R-9	683.0	09/17/2018	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.535	0.87	3.35	—	pCi/L	Y	U	U	N3B-2018-3897	CALA-18-160777	GELC
R-9	683.0	09/20/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	211	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	08/18/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	246	—	—	1	µS/cm	Y	—	NQ	N3B-2021-2336	CALA-21-232089	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-9	683.0	08/18/2021	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	246	—	—	1	µS/cm	Y	—	NQ	N3B-2021-2336	CALA-21-232124	GELC
R-9	683.0	08/26/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	248	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	246	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
R-9	683.0	09/16/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	226	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3296	CALA-19-185317	GELC
R-9	683.0	09/17/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	251	—	—	1	µS/cm	Y	—	NQ	N3B-2018-3897	CALA-18-160776	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	183	—	—	1	µg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	08/18/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	186	—	—	1	µg/L	Y	—	NQ	N3B-2021-2336	CALA-21-232089	GELC
R-9	683.0	08/18/2021	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	191	—	—	1	µg/L	Y	—	NQ	N3B-2021-2336	CALA-21-232124	GELC
R-9	683.0	08/26/2020	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	199	—	—	1	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	198	—	—	1	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
R-9	683.0	09/16/2019	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	191	—	—	1	µg/L	Y	—	NQ	N3B-2019-3296	CALA-19-185317	GELC
R-9	683.0	09/17/2018	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	173	—	—	1	µg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160776	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.239	0.139	0.454	—	pCi/L	Y	U	UJ	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	08/18/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.147	0.139	0.491	—	pCi/L	Y	U	UJ	N3B-2021-2336	CALA-21-232088	GELC
R-9	683.0	08/18/2021	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0214	0.0925	0.327	—	pCi/L	Y	U	UJ	N3B-2021-2336	CALA-21-232123	GELC
R-9	683.0	08/26/2020	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0102	0.139	0.488	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.00883	0.142	0.494	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	09/16/2019	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.101	0.133	0.489	—	pCi/L	Y	U	U	N3B-2019-3296	CALA-19-185316	GELC
R-9	683.0	09/17/2018	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0799	0.133	0.483	—	pCi/L	Y	U	U	N3B-2018-3897	CALA-18-160777	GELC
R-9	683.0	09/20/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.31	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	08/18/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.6	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-2336	CALA-21-232089	GELC
R-9	683.0	08/18/2021	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-2336	CALA-21-232124	GELC
R-9	683.0	08/26/2020	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.6	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.6	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
R-9	683.0	09/16/2019	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.75	—	—	0.133	mg/L	Y	—	NQ	N3B-2019-3296	CALA-19-185317	GELC
R-9	683.0	09/17/2018	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	5.74	—	—	0.133	mg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160776	GELC
R-9	683.0	09/20/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	182	—	—	2.38	mg/L	Y	—	J	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	08/18/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	223	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-2336	CALA-21-232089	GELC
R-9	683.0	08/18/2021	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	207	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-2336	CALA-21-232124	GELC
R-9	683.0	08/26/2020	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	191	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	181	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
R-9	683.0	09/16/2019	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	197	—	—	3.4	mg/L	Y	—	J+	N3B-2019-3296	CALA-19-185317	GELC
R-9	683.0	09/17/2018	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	193	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160776	GELC
R-9	683	9/20/2022	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.408	0.849	2.702	–	pCi/L	Y	U	UJ	N3B-2022-3360	CALA-22-258640	ARSL
R-9	683	8/18/2021	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	2.347	0.773	2.195	–	pCi/L	Y	–	NQ	N3B-2021-2340	CALA-21-232088	ARSL
R-9	683	8/18/2021	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	3.563	1.114	3.102	–	pCi/L	Y	–	NQ	N3B-2021-2340	CALA-21-232123	ARSL
R-9	683	8/26/2020	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	3.842	1.094	2.921	–	pCi/L	Y	–	NQ	N3B-2020-1621	CALA-20-199313	ARSL
R-9	683	8/26/2020	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	3.052	1.017	2.893	–	pCi/L	Y	–	NQ	N3B-2020-1621	CALA-20-199315	ARSL
R-9	683	9/16/2019	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	3.156	1.016	2.858	–	pCi/L	Y	–	NQ	N3B-2019-3350	CALA-19-185316	ARSL
R-9	683	9/17/2018	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.806	0.965	3.027	–	pCi/L	Y	U	U	N3B-2018-3919	CALA-18-160777	ARSL
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.74	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	08/18/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.75	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2336	CALA-21-232089	GELC
R-9	683.0	08/18/2021	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	1.73	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2336	CALA-21-232124	GELC
R-9	683.0	08/26/2020	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.84	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	1.8	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
R-9	683.0	09/16/2019	F	INIT	REG	Inorganic	SW-846:6020A	Uranium	U	Y	1.67	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3296	CALA-19-185317	GELC
R-9	683.0	09/17/2018	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.8	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160776	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.1	0.0902	0.0688	—	pCi/L	Y	—	NQ	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	08/18/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.21	0.058	0.0685	—	pCi/L	Y	—	NQ	N3B-2021-2336	CALA-21-232088	GELC
R-9	683.0	08/18/2021	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.21	0.059	0.0697	—	pCi/L	Y	—	NQ	N3B-2021-2336	CALA-21-232123	GELC
R-9	683.0	08/26/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.19	0.07	0.0681	—	pCi/L	Y	—	NQ	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.18	0.0625	0.0547	—	pCi/L	Y	—	NQ	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	09/16/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.19	0.0718	0.0819	—	pCi/L	Y	—	NQ	N3B-2019-3296	CALA-19-185316	GELC
R-9	683.0	09/17/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.2	0.073	0.125	—	pCi/L	Y	—	NQ	N3B-2018-3897	CALA-18-160777	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00752	0.016	0.0675	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	08/18/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0332	0.0124	0.0512	—	pCi/L	Y	U	UJ	N3B-2021-2336	CALA-21-232088	GELC
R-9	683.0	08/18/2021	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0236	0.0122	0.0521	—	pCi/L	Y	U	UJ	N3B-2021-2336	CALA-21-232123	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-9	683.0	08/26/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0138	0.0153	0.0525	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0407	0.0161	0.0422	—	pCi/L	Y	U	UJ	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	09/16/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0444	0.0169	0.0613	—	pCi/L	Y	U	U	N3B-2019-3296	CALA-19-185316	GELC
R-9	683.0	09/17/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.051	0.0194	0.119	—	pCi/L	Y	U	U	N3B-2018-3897	CALA-18-160777	GELC
R-9	683.0	09/20/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.582	0.0581	0.0724	—	pCi/L	Y	—	NQ	N3B-2022-3272	CALA-22-258640	GELC
R-9	683.0	08/18/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.633	0.0428	0.0673	—	pCi/L	Y	—	NQ	N3B-2021-2336	CALA-21-232088	GELC
R-9	683.0	08/18/2021	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.552	0.0407	0.0685	—	pCi/L	Y	—	NQ	N3B-2021-2336	CALA-21-232123	GELC
R-9	683.0	08/26/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.63	0.0502	0.0619	—	pCi/L	Y	—	NQ	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.623	0.044	0.0497	—	pCi/L	Y	—	NQ	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	09/16/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.609	0.0512	0.0549	—	pCi/L	Y	—	NQ	N3B-2019-3296	CALA-19-185316	GELC
R-9	683.0	09/17/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.674	0.0554	0.0868	—	pCi/L	Y	—	NQ	N3B-2018-3897	CALA-18-160777	GELC
R-9	683.0	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	11.4	—	—	1	µg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258641	GELC
R-9	683.0	08/18/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.1	—	—	1	µg/L	Y	—	NQ	N3B-2021-2336	CALA-21-232089	GELC
R-9	683.0	08/18/2021	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	12.7	—	—	1	µg/L	Y	—	NQ	N3B-2021-2336	CALA-21-232124	GELC
R-9	683.0	08/26/2020	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	12.7	—	—	1	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	12.6	—	—	1	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
R-9	683.0	09/16/2019	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	11.7	—	—	1	µg/L	Y	—	NQ	N3B-2019-3296	CALA-19-185317	GELC
R-9	683.0	09/17/2018	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	11	—	—	1	µg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160776	GELC
R-9i S1	189.1	09/20/2022	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-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	08/24/2021	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.62	—	—	0.01	SU	Y	H	J	N3B-2021-2369	CALA-21-232122	GELC
R-9i S1	189.1	08/24/2021	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.64	—	—	0.01	SU	Y	H	J	N3B-2021-2369	CALA-21-232131	GELC
R-9i S1	189.1	06/24/2021	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-2021-1943	CALA-21-229508	GELC
R-9i S1	189.1	02/22/2021	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.55	—	—	0.01	SU	Y	H	J	N3B-2021-916	CALA-21-218067	GELC
R-9i S1	189.1	12/01/2020	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.58	—	—	0.01	SU	Y	H	NQ	N3B-2021-501	CALA-21-211093	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.8	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	08/24/2021	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232122	GELC
R-9i S1	189.1	08/24/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.3	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232131	GELC
R-9i S1	189.1	06/24/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.9	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-1943	CALA-21-229508	GELC
R-9i S1	189.1	02/22/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68.5	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-916	CALA-21-218067	GELC
R-9i S1	189.1	12/01/2020	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-501	CALA-21-211093	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00771	0.00852	0.0413	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00813	0.00813	0.0722	—	pCi/L	Y	U	U	N3B-2021-2369	CALA-21-232121	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0106	0.0136	0.0625	—	pCi/L	Y	U	U	N3B-2021-2369	CALA-21-232130	GELC
R-9i S1	189.1	09/21/2015	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0144	0.00674	0.029	—	pCi/L	Y	U	U	2015-2363	CALA-15-103996	GELC
R-9i S1	189.1	08/08/2013	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00706	0.00706	0.0197	—	pCi/L	Y	U	U	2013-1580	CALA-13-39199	GELC
R-9i S1	189.1	09/06/2012	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00805	0.00636	0.0278	—	pCi/L	Y	U	U	12-1543	CALA-12-22898	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0307	—	—	0.017	mg/L	Y	J	J	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	08/24/2021	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0553	—	—	0.017	mg/L	Y	—	U	N3B-2021-2369	CALA-21-232122	GELC
R-9i S1	189.1	08/24/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0343	—	—	0.017	mg/L	Y	J	U	N3B-2021-2369	CALA-21-232131	GELC
R-9i S1	189.1	06/24/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0343	—	—	0.017	mg/L	Y	J	J	N3B-2021-1943	CALA-21-229508	GELC
R-9i S1	189.1	02/22/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0354	—	—	0.017	mg/L	Y	J	J	N3B-2021-916	CALA-21-218067	GELC
R-9i S1	189.1	12/01/2020	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.025	—	—	0.017	mg/L	Y	J	U	N3B-2021-501	CALA-21-211093	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.13	—	—	2	µg/L	Y	J	J	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	08/24/2021	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	2.03	—	—	2	µg/L	Y	J	J	N3B-2021-2369	CALA-21-232122	GELC
R-9i S1	189.1	08/24/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.31	—	—	2	µg/L	Y	J	J	N3B-2021-2369	CALA-21-232131	GELC
R-9i S1	189.1	06/24/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.07	—	—	2	µg/L	Y	J	J	N3B-2021-1943	CALA-21-229508	GELC
R-9i S1	189.1	02/22/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	3.46	—	—	2	µg/L	Y	J	J	N3B-2021-916	CALA-21-218067	GELC
R-9i S1	189.1	12/01/2020	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.29	—	—	2	µg/L	Y	J	J	N3B-2021-501	CALA-21-211093	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	35.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	08/24/2021	F	INIT	FD	Inorganic	SW-846:6010C	Barium	Ba	Y	37.7	—	—	1	µg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232122	GELC
R-9i S1	189.1	08/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	37.8	—	—	1	µg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232131	GELC
R-9i S1	189.1	06/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	37	—	—	1	µg/L	Y	—	NQ	N3B-2021-1943	CALA-21-229508	GELC
R-9i S1	189.1	02/22/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	38	—	—	1	µg/L	Y	—	NQ	N3B-2021-916	CALA-21-218067	GELC
R-9i S1	189.1	12/01/2020	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	37.9	—	—	1	µg/L	Y	—	NQ	N3B-2021-501	CALA-21-211093	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	26.1	—	—	15	µg/L	Y	J	J	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	08/24/2021	F	INIT	FD	Inorganic	SW-846:6010C	Boron	B	Y	20.1	—	—	15	µg/L	Y	J	J	N3B-2021-2369	CALA-21-232122	GELC
R-9i S1	189.1	08/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	21.4	—	—	15	µg/L	Y	J	J	N3B-2021-2369	CALA-21-232131	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-9i S1	189.1	06/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	21.3	—	—	15	µg/L	Y	J	J	N3B-2021-1943	CALA-21-229508	GELC
R-9i S1	189.1	02/22/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	21.8	—	—	15	µg/L	Y	J	J	N3B-2021-916	CALA-21-218067	GELC
R-9i S1	189.1	12/01/2020	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	25.2	—	—	15	µg/L	Y	J	J	N3B-2021-501	CALA-21-211093	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.124	—	—	0.067	mg/L	Y	J	J	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	08/24/2021	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.401	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232122	GELC
R-9i S1	189.1	08/24/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.381	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232131	GELC
R-9i S1	189.1	06/24/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2021-1943	CALA-21-229508	GELC
R-9i S1	189.1	02/22/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	N	0.067	—	—	0.067	mg/L	Y	U	U	N3B-2021-916	CALA-21-218067	GELC
R-9i S1	189.1	12/01/2020	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	0.122	—	—	0.067	mg/L	Y	J	J	N3B-2021-501	CALA-21-211093	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	19.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	08/24/2021	F	INIT	FD	Inorganic	SW-846:6010C	Calcium	Ca	Y	20.4	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232122	GELC
R-9i S1	189.1	08/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	20.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232131	GELC
R-9i S1	189.1	06/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	20.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1943	CALA-21-229508	GELC
R-9i S1	189.1	02/22/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	20.3	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-916	CALA-21-218067	GELC
R-9i S1	189.1	12/01/2020	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	20.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-501	CALA-21-211093	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.26	2.08	7.13	—	pCi/L	Y	U	UJ	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.412	1.45	5.31	—	pCi/L	Y	U	U	N3B-2021-2369	CALA-21-232121	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.986	1.29	4.74	—	pCi/L	Y	U	U	N3B-2021-2369	CALA-21-232130	GELC
R-9i S1	189.1	09/21/2015	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.04	1.18	4.86	—	pCi/L	Y	U	U	2015-2363	CALA-15-103996	GELC
R-9i S1	189.1	08/08/2013	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.59	1.33	5.52	—	pCi/L	Y	U	U	2013-1580	CALA-13-39199	GELC
R-9i S1	189.1	09/06/2012	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.903	1.62	5.65	—	pCi/L	Y	U	U	12-1543	CALA-12-22898	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	39.6	—	—	0.67	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	08/24/2021	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	45.7	—	—	0.67	mg/L	Y	—	J+	N3B-2021-2369	CALA-21-232122	GELC
R-9i S1	189.1	08/24/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	46.4	—	—	0.67	mg/L	Y	—	J+	N3B-2021-2369	CALA-21-232131	GELC
R-9i S1	189.1	06/24/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	45.6	—	—	0.67	mg/L	Y	—	NQ	N3B-2021-1943	CALA-21-229508	GELC
R-9i S1	189.1	02/22/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	42.8	—	—	0.67	mg/L	Y	—	NQ	N3B-2021-916	CALA-21-218067	GELC
R-9i S1	189.1	12/01/2020	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	45.5	—	—	0.67	mg/L	Y	—	NQ	N3B-2021-501	CALA-21-211093	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.872	1.54	5.67	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.657	1.26	4.71	—	pCi/L	Y	U	U	N3B-2021-2369	CALA-21-232121	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.3	2.98	6	—	pCi/L	Y	U	U	N3B-2021-2369	CALA-21-232130	GELC
R-9i S1	189.1	09/21/2015	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.32	1.19	5.02	—	pCi/L	Y	U	U	2015-2363	CALA-15-103996	GELC
R-9i S1	189.1	08/08/2013	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-4.72	1.83	5.18	—	pCi/L	Y	U	U	2013-1580	CALA-13-39199	GELC
R-9i S1	189.1	09/06/2012	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.54	1.81	7.68	—	pCi/L	Y	U	U	12-1543	CALA-12-22898	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.256	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	08/24/2021	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.242	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232122	GELC
R-9i S1	189.1	08/24/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.237	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232131	GELC
R-9i S1	189.1	06/24/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.217	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1943	CALA-21-229508	GELC
R-9i S1	189.1	02/22/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.241	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-916	CALA-21-218067	GELC
R-9i S1	189.1	12/01/2020	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.299	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-501	CALA-21-211093	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	0.633	0.747	2.89	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.354	0.628	2.51	—	pCi/L	Y	U	UJ	N3B-2021-2369	CALA-21-232121	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.477	0.671	2.65	—	pCi/L	Y	U	UJ	N3B-2021-2369	CALA-21-232130	GELC
R-9i S1	189.1	09/21/2015	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.304	0.731	2.97	—	pCi/L	Y	U	U	2015-2363	CALA-15-103996	GELC
R-9i S1	189.1	08/08/2013	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.76	0.952	2.99	—	pCi/L	Y	U	U	2013-1580	CALA-13-39199	GELC
R-9i S1	189.1	09/06/2012	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.46	0.739	2.07	—	pCi/L	Y	U	U	12-1543	CALA-12-22898	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	5.83	0.905	2.47	—	pCi/L	Y	—	NQ	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	7.61	1.04	2.61	—	pCi/L	Y	—	UJ	N3B-2021-2369	CALA-21-232121	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	6.07	0.906	2.35	—	pCi/L	Y	—	UJ	N3B-2021-2369	CALA-21-232130	GELC
R-9i S1	189.1	09/21/2015	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.42	0.803	2.31	—	pCi/L	Y	—	NQ	2015-2363	CALA-15-103996	GELC
R-9i S1	189.1	08/08/2013	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.92	1	2.78	—	pCi/L	Y	—	NQ	2013-1580	CALA-13-39199	GELC
R-9i S1	189.1	09/06/2012	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.24	0.868	2.55	—	pCi/L	Y	—	NQ	12-1543	CALA-12-22898	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	77.3	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	08/24/2021	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	80.1	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232122	GELC
R-9i S1	189.1	08/24/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	79.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232131	GELC
R-9i S1	189.1	06/24/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	80.7	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-1943	CALA-21-229508	GELC
R-9i S1	189.1	02/22/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	79	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-916	CALA-21-218067	GELC
R-9i S1	189.1	12/01/2020	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	80	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-501	CALA-21-211093	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	6.89	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	08/24/2021	F	INIT	FD	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.07	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232122	GELC
R-9i S1	189.1	08/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.07	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232131	GELC
R-9i S1	189.1	06/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.08	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-1943	CALA-21-229508	GELC
R-9i S1	189.1	02/22/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	6.89	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-916	CALA-21-218067	GELC
R-9i S1	189.1	12/01/2020	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.02	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-501	CALA-21-211093	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Manganese	Mn	Y	3.7	—	—	2	µg/L	Y	J	J	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	08/24/2021	F	INIT	FD	Inorganic	SW-846:6010C	Manganese	Mn	Y	5.37	—	—	2	µg/L	Y	J	J	N3B-2021-2369	CALA-21-232122	GELC
R-9i S1	189.1	08/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	5.35	—	—	2	µg/L	Y	J	J	N3B-2021-2369	CALA-21-232131	GELC
R-9i S1	189.1	06/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	7.21	—	—	2	µg/L	Y	J	J	N3B-2021-1943	CALA-21-229508	GELC
R-9i S1	189.1	02/22/2021	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	9.92	—	—	2	µg/L	Y	J	J	N3B-2021-916	CALA-21-218067	GELC
R-9i S1	189.1	12/01/2020	F	INIT	REG	Inorganic	SW-846:6010C	Manganese	Mn	Y	14.4	—	—	2	µg/L	Y	—	NQ	N3B-2021-501	CALA-21-211093	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	7.29	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	08/24/2021	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	7.41	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232122	GELC
R-9i S1	189.1	08/24/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	7.18	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232131	GELC
R-9i S1	189.1	06/24/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	7.44	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-1943	CALA-21-229508	GELC
R-9i S1	189.1	02/22/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	7.37	—	—	0.2	µg/L	Y	—	J+	N3B-2021-916	CALA-21-218067	GELC
R-9i S1	189.1	12/01/2020	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	7.53	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-501	CALA-21-211093	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.595	2.76	10.2	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.83	3.08	10.4	—	pCi/L	Y	U	U	N3B-2021-2369	CALA-21-232121	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.158	2.5	7.96	—	pCi/L	Y	U	U	N3B-2021-2369	CALA-21-232130	GELC
R-9i S1	189.1	09/21/2015	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.0336	2.2	7.82	—	pCi/L	Y	U	U	2015-2363	CALA-15-103996	GELC
R-9i S1	189.1	08/08/2013	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.11	2.48	9.34	—	pCi/L	Y	U	U	2013-1580	CALA-13-39199	GELC
R-9i S1	189.1	09/06/2012	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-6.76	2.65	8.46	—	pCi/L	Y	U	U	12-1543	CALA-12-22898	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.96	—	—	0.6	µg/L	Y	J	J	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	08/24/2021	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.3	—	—	0.6	µg/L	Y	J	J	N3B-2021-2369	CALA-21-232122	GELC
R-9i S1	189.1	08/24/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.32	—	—	0.6	µg/L	Y	J	J	N3B-2021-2369	CALA-21-232131	GELC
R-9i S1	189.1	06/24/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.83	—	—	0.6	µg/L	Y	J	J	N3B-2021-1943	CALA-21-229508	GELC
R-9i S1	189.1	02/22/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	1.37	—	—	0.6	µg/L	Y	J	J	N3B-2021-916	CALA-21-218067	GELC
R-9i S1	189.1	12/01/2020	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.28	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-501	CALA-21-211093	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.845	—	—	0.017	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	08/24/2021	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.88	—	—	0.085	mg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232122	GELC
R-9i S1	189.1	08/24/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.885	—	—	0.085	mg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232131	GELC
R-9i S1	189.1	06/24/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.89	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-1943	CALA-21-229508	GELC
R-9i S1	189.1	02/22/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.822	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-916	CALA-21-218067	GELC
R-9i S1	189.1	12/01/2020	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.795	—	—	0.017	mg/L	Y	—	NQ	N3B-2021-501	CALA-21-211093	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.597	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	08/24/2021	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.476	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232122	GELC
R-9i S1	189.1	08/24/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.492	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232131	GELC
R-9i S1	189.1	06/24/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.521	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-1943	CALA-21-229508	GELC
R-9i S1	189.1	02/22/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.418	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-916	CALA-21-218067	GELC
R-9i S1	189.1	12/01/2020	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.483	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-501	CALA-21-211093	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	18.5	—	—	0.58	ng/L	Y	—	NQ	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	18.2	—	—	0.573	ng/L	Y	—	NQ	N3B-2021-2369	CALA-21-232121	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	16.8	—	—	0.609	ng/L	Y	—	NQ	N3B-2021-2369	CALA-21-232130	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	9.56	—	—	0.703	ng/L	Y	—	NQ	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	10.5	—	—	0.694	ng/L	Y	—	NQ	N3B-2021-2369	CALA-21-232121	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	9.63	—	—	0.738	ng/L	Y	—	NQ	N3B-2021-2369	CALA-21-232130	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	4.86	—	—	0.703	ng/L	Y	—	NQ	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	FD	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	2.86	—	—	0.694	ng/L	Y	—	NQ	N3B-2021-2369	CALA-21-232121	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	2.97	—	—	0.738	ng/L	Y	—	NQ	N3B-2021-2369	CALA-21-232130	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00876	0.00759	0.044	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00647	0.00778	0.0508	—	pCi/L	Y	U	U	N3B-2021-2369	CALA-21-232121	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0407	0.0106	0.0532	—	pCi/L	Y	U	UJ	N3B-2021-2369	CALA-21-232130	GELC
R-9i S1	189.1	09/21/2015	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00331	0.00597	0.0397	—	pCi/L	Y	U	U	2015-2363	CALA-15-103996	GELC
R-9i S1	189.1	08/08/2013	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0109	0.0488	—	pCi/L	Y	U	U	2013-1580	CALA-13-39199	GELC
R-9i S1	189.1	09/06/2012	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00355	0.0253	—	pCi/L	Y	U	U	12-1543	CALA-12-22898	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00876	0.00693	0.0465	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0259	0.00965	0.0528	—	pCi/L	Y	U	UJ	N3B-2021-2369	CALA-21-232121	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00452	0.00783	0.0553	—	pCi/L	Y	U	U	N3B-2021-2369	CALA-21-232130	GELC
R-9i S1	189.1	09/21/2015	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00166	0.00702	0.0353	—	pCi/L	Y	U	U	2015-2363	CALA-15-103996	GELC
R-9i S1	189.1	08/08/2013	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00545	0.0122	0.0731	—	pCi/L	Y	U	U	2013-1580	CALA-13-39199	GELC
R-9i S1	189.1	09/06/2012	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00251	0.00561	0.0297	—	pCi/L	Y	U	U	12-1543	CALA-12-22898	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	4.5	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	08/24/2021	F	INIT	FD	Inorganic	SW-846:6010C	Potassium	K	Y	4.6	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232122	GELC
R-9i S1	189.1	08/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232131	GELC
R-9i S1	189.1	06/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.58	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-1943	CALA-21-229508	GELC
R-9i S1	189.1	02/22/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.65	—	—	0.05	mg/L	Y	—	J+	N3B-2021-916	CALA-21-218067	GELC
R-9i S1	189.1	12/01/2020	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.45	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-501	CALA-21-211093	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	11	31.1	49.4	—	pCi/L	Y	U	UJ	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-22.6	17.9	60.5	—	pCi/L	Y	U	UJ	N3B-2021-2369	CALA-21-232121	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-10.2	19	70.2	—	pCi/L	Y	U	UJ	N3B-2021-2369	CALA-21-232130	GELC
R-9i S1	189.1	09/21/2015	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-40.9	15.4	48	—	pCi/L	Y	U	U	2015-2363	CALA-15-103996	GELC
R-9i S1	189.1	08/08/2013	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15	19.5	76.8	—	pCi/L	Y	U	U	2013-1580	CALA-13-39199	GELC
R-9i S1	189.1	09/06/2012	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	60.5	21.7	99.1	—	pCi/L	Y	U	U	12-1543	CALA-12-22898	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.654	0.18	0.361	—	pCi/L	Y	—	J+	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.498	0.158	0.367	—	pCi/L	Y	—	U	N3B-2021-2369	CALA-21-232121	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.519	0.173	0.415	—	pCi/L	Y	—	U	N3B-2021-2369	CALA-21-232130	GELC
R-9i S1	189.1	04/29/2005	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.592	0.14	0.31	—	pCi/L	Y	—	J	135661	GU0504G9iR101	GELC
R-9i S1	189.1	06/02/2004	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.276	0.114	0.336	—	pCi/L	Y	U	U	114323	GU0405G9iR101	GELC
R-9i S1	189.1	06/02/2004	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	7.62	5.79	19.2	—	pCi/L	Y	U	U	114323	GU0405G9iR101	GELC
R-9i S1	189.1	02/06/2004	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	0.268	3.52	7.75	—	pCi/L	Y	U	U	106760	GU0311G9iR101	GELC
R-9i S1	189.1	02/06/2004	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.543	0.155	0.362	—	pCi/L	Y	—	J	106760	GU0311G9iR101	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.38	0.303	—	—	pCi/L	Y	—	J+	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	1.55	0.272	—	—	pCi/L	Y	—	U	N3B-2021-2369	CALA-21-232121	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	1.46	0.307	—	—	pCi/L	Y	—	U	N3B-2021-2369	CALA-21-232130	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.73	0.244	0.66	—	pCi/L	Y	—	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	1.05	0.221	0.582	—	pCi/L	Y	—	U	N3B-2021-2369	CALA-21-232121	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.94	0.254	0.745	—	pCi/L	Y	—	U	N3B-2021-2369	CALA-21-232130	GELC
R-9i S1	189.1	06/02/2004	UF	INIT	REG	RAD	EPA:901.1	Radium-228	Ra-228	N	13.9	7.49	29.3	—	pCi/L	Y	U	U	114323	GU0405G9iR101	GELC
R-9i S1	189.1	02/06/2004	UF	INIT	REG	RAD	EPA:901.1	Radium-228	Ra-228	N	3.02	3.99	13.6	—	pCi/L	Y	U	U	106760	GU0311G9iR101	GELC
R-9i S1	189.1	08/02/2002	UF	INIT	REG	RAD	EPA:901.1	Radium-228	Ra-228	N	9.78	2.82	10.9	—	pCi/L	Y	U	U	65607	GU0208G9iR101	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	38.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	08/24/2021	F	INIT	FD	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	37.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232122	GELC
R-9i S1	189.1	08/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	37.1	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232131	GELC
R-9i S1	189.1	06/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	35.7	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-1943	CALA-21-229508	GELC
R-9i S1	189.1	02/22/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	37.4	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-916	CALA-21-218067	GELC
R-9i S1	189.1	12/01/2020	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	36.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-501	CALA-21-211093	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	26.9	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	08/24/2021	F	INIT	FD	Inorganic	SW-846:6010C	Sodium	Na	Y	28.2	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232122	GELC
R-9i S1	189.1	08/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	28.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232131	GELC
R-9i S1	189.1	06/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	28.3	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-1943	CALA-21-229508	GELC
R-9i S1	189.1	02/22/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	28.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-916	CALA-21-218067	GELC
R-9i S1	189.1	12/01/2020	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	26.1	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-501	CALA-21-211093	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.01	1.68	5.49	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.24	1.49	5.28	—	pCi/L	Y	U	U	N3B-2021-2369	CALA-21-232121	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.04	1.14	4.23	—	pCi/L	Y	U	U	N3B-2021-2369	CALA-21-232130	GELC
R-9i S1	189.1	09/21/2015	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.21	1.27	4.44	—	pCi/L	Y	U	U	2015-2363	CALA-15-103996	GELC
R-9i S1	189.1	08/08/2013	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0753	1.54	6.08	—	pCi/L	Y	U	U	2013-1580	CALA-13-39199	GELC
R-9i S1	189.1	09/06/2012	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.81	1.98	6.74	—	pCi/L	Y	U	U	12-1543	CALA-12-22898	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	262	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	08/24/2021	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	345	—	—	1	µS/cm	Y	—	NQ	N3B-2021-2369	CALA-21-232122	GELC
R-9i S1	189.1	08/24/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	341	—	—	1	µS/cm	Y	—	NQ	N3B-2021-2369	CALA-21-232131	GELC
R-9i S1	189.1	06/24/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	302	—	—	1	µS/cm	Y	—	NQ	N3B-2021-1943	CALA-21-229508	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-9i S1	189.1	02/22/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	333	—	—	1	µS/cm	Y	—	NQ	N3B-2021-916	CALA-21-218067	GELC
R-9i S1	189.1	12/01/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	366	—	—	1	µS/cm	Y	—	NQ	N3B-2021-501	CALA-21-211093	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	121	—	—	1	µg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	08/24/2021	F	INIT	FD	Inorganic	SW-846:6010C	Strontium	Sr	Y	125	—	—	1	µg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232122	GELC
R-9i S1	189.1	08/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	125	—	—	1	µg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232131	GELC
R-9i S1	189.1	06/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	126	—	—	1	µg/L	Y	—	NQ	N3B-2021-1943	CALA-21-229508	GELC
R-9i S1	189.1	02/22/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	126	—	—	1	µg/L	Y	—	NQ	N3B-2021-916	CALA-21-218067	GELC
R-9i S1	189.1	12/01/2020	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	121	—	—	1	µg/L	Y	—	NQ	N3B-2021-501	CALA-21-211093	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.328	0.14	0.447	—	pCi/L	Y	U	UJ	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.15	0.143	0.484	—	pCi/L	Y	U	UJ	N3B-2021-2369	CALA-21-232121	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.47	0.154	0.482	—	pCi/L	Y	U	UJ	N3B-2021-2369	CALA-21-232130	GELC
R-9i S1	189.1	09/21/2015	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0553	0.125	0.485	—	pCi/L	Y	U	U	2015-2363	CALA-15-103996	GELC
R-9i S1	189.1	08/08/2013	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.000708	0.137	0.496	—	pCi/L	Y	U	U	2013-1580	CALA-13-39199	GELC
R-9i S1	189.1	09/06/2012	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.014	0.119	0.43	—	pCi/L	Y	U	U	12-1543	CALA-12-22898	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	12.2	—	—	0.133	mg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	08/24/2021	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	13.2	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232122	GELC
R-9i S1	189.1	08/24/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	13.2	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232131	GELC
R-9i S1	189.1	06/24/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	12.8	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-1943	CALA-21-229508	GELC
R-9i S1	189.1	02/22/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	12.3	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-916	CALA-21-218067	GELC
R-9i S1	189.1	12/01/2020	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	12.5	—	—	0.133	mg/L	Y	—	NQ	N3B-2021-501	CALA-21-211093	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	175	—	—	2.38	mg/L	Y	—	J	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	08/24/2021	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	191	—	—	3.4	mg/L	Y	—	J	N3B-2021-2369	CALA-21-232122	GELC
R-9i S1	189.1	08/24/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	196	—	—	3.4	mg/L	Y	—	J	N3B-2021-2369	CALA-21-232131	GELC
R-9i S1	189.1	06/24/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	204	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-1943	CALA-21-229508	GELC
R-9i S1	189.1	02/22/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	231	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-916	CALA-21-218067	GELC
R-9i S1	189.1	12/01/2020	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	196	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-501	CALA-21-211093	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0473	—	—	0.033	mg/L	Y	J	J-	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	FD	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.116	—	—	0.033	mg/L	Y	—	U	N3B-2021-2369	CALA-21-232121	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.129	—	—	0.033	mg/L	Y	—	U	N3B-2021-2369	CALA-21-232130	GELC
R-9i S1	189.1	06/24/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.14	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-1943	CALA-21-229507	GELC
R-9i S1	189.1	02/22/2021	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0394	—	—	0.033	mg/L	Y	J	J+	N3B-2021-916	CALA-21-218068	GELC
R-9i S1	189.1	12/01/2020	UF	INIT	REG	General Chemistry	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.15	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-501	CALA-21-211094	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.811	—	—	0.33	mg/L	Y	J	J	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	1.01	—	—	0.33	mg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232121	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	1.01	—	—	0.33	mg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232130	GELC
R-9i S1	189.1	06/24/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	1.01	—	—	0.33	mg/L	Y	—	NQ	N3B-2021-1943	CALA-21-229507	GELC
R-9i S1	189.1	02/22/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	1.19	—	—	0.33	mg/L	Y	—	NQ	N3B-2021-916	CALA-21-218068	GELC
R-9i S1	189.1	12/01/2020	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	1.36	—	—	0.33	mg/L	Y	—	NQ	N3B-2021-501	CALA-21-211094	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	Y	32.92	—	—	—	ng/L	—	—	NQ	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	FD	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	Y	31.56	—	—	—	ng/L	Y	—	NQ	N3B-2021-2369	CALA-21-232121	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	REG	LCMS/MS	EPA:537M	Total PFAS 3a	PFAS-Tot-3a	Y	29.4	—	—	—	ng/L	Y	—	NQ	N3B-2021-2369	CALA-21-232130	GELC
R-9i S1	189.1	9/20/2022	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	43.561	6.685	2.849	–	pCi/L	Y	–	J	N3B-2022-3360	CALA-22-258570	ARSL
R-9i S1	189.1	8/24/2021	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	74.38	11.295	2.991	–	pCi/L	Y	–	NQ	N3B-2021-2414	CALA-21-232121	ARSL
R-9i S1	189.1	8/24/2021	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	104.452	15.789	2.845	–	pCi/L	Y	–	NQ	N3B-2021-2414	CALA-21-232130	ARSL
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.52	—	—	0.067	µg/L	Y	—	NQ	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	08/24/2021	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	0.519	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232122	GELC
R-9i S1	189.1	08/24/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.498	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2369	CALA-21-232131	GELC
R-9i S1	189.1	06/24/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.427	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-1943	CALA-21-229508	GELC
R-9i S1	189.1	02/22/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.494	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-916	CALA-21-218067	GELC
R-9i S1	189.1	12/01/2020	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	0.525	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-501	CALA-21-211093	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.186	0.0303	0.0619	—	pCi/L	Y	—	NQ	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.221	0.0282	0.0706	—	pCi/L	Y	—	NQ	N3B-2021-2369	CALA-21-232121	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.288	0.0297	0.0644	—	pCi/L	Y	—	NQ	N3B-2021-2369	CALA-21-232130	GELC
R-9i S1	189.1	09/21/2015	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.57	0.0417	0.125	—	pCi/L	Y	—	NQ	2015-2363	CALA-15-103996	GELC
R-9i S1	189.1	08/08/2013	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.367	0.0294	0.048	—	pCi/L	Y	—	NQ	2013-1580	CALA-13-39199	GELC
R-9i S1	189.1	09/06/2012	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.366	0.0301	0.0597	—	pCi/L	Y	—	NQ	12-1543	CALA-12-22898	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00169	0.00698	0.0607	—	pCi/L	Y	U	U	N3B-2022-3272	CALA-22-258570	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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-9i S1	189.1	08/24/2021	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.024	0.0141	0.0528	—	pCi/L	Y	U	UJ	N3B-2021-2369	CALA-21-232121	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0343	0.0112	0.0482	—	pCi/L	Y	U	UJ	N3B-2021-2369	CALA-21-232130	GELC
R-9i S1	189.1	09/21/2015	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0548	0.0151	0.088	—	pCi/L	Y	U	U	2015-2363	CALA-15-103996	GELC
R-9i S1	189.1	08/08/2013	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0109	0.00948	0.0294	—	pCi/L	Y	U	U	2013-1580	CALA-13-39199	GELC
R-9i S1	189.1	09/06/2012	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0245	0.00983	0.0253	—	pCi/L	Y	U	U	12-1543	CALA-12-22898	GELC
R-9i S1	189.1	09/20/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.13	0.0237	0.0651	—	pCi/L	Y	—	NQ	N3B-2022-3272	CALA-22-258570	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.141	0.0258	0.0695	—	pCi/L	Y	—	NQ	N3B-2021-2369	CALA-21-232121	GELC
R-9i S1	189.1	08/24/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.187	0.0226	0.0633	—	pCi/L	Y	—	NQ	N3B-2021-2369	CALA-21-232130	GELC
R-9i S1	189.1	09/21/2015	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.467	0.0374	0.116	—	pCi/L	Y	—	NQ	2015-2363	CALA-15-103996	GELC
R-9i S1	189.1	08/08/2013	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.288	0.0256	0.0417	—	pCi/L	Y	—	NQ	2013-1580	CALA-13-39199	GELC
R-9i S1	189.1	09/06/2012	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.313	0.0268	0.0297	—	pCi/L	Y	—	NQ	12-1543	CALA-12-22898	GELC
R-9i S1	189.1	09/20/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	2.32	—	—	1	µg/L	Y	J	J	N3B-2022-3272	CALA-22-258571	GELC
R-9i S1	189.1	08/24/2021	F	INIT	FD	Inorganic	SW-846:6010C	Vanadium	V	Y	1.52	—	—	1	µg/L	Y	J	J	N3B-2021-2369	CALA-21-232122	GELC
R-9i S1	189.1	08/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.56	—	—	1	µg/L	Y	J	J	N3B-2021-2369	CALA-21-232131	GELC
R-9i S1	189.1	06/24/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.58	—	—	1	µg/L	Y	J	J	N3B-2021-1943	CALA-21-229508	GELC
R-9i S1	189.1	02/22/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.72	—	—	1	µg/L	Y	J	J	N3B-2021-916	CALA-21-218067	GELC
R-9i S1	189.1	12/01/2020	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	Y	1.69	—	—	1	µg/L	Y	J	J	N3B-2021-501	CALA-21-211093	GELC
TA-53i	600.0	09/13/2022	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-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.45	—	—	0.01	SU	Y	H	J	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	08/20/2021	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-2021-2350	CALA-21-232073	GELC
TA-53i	600.0	09/11/2020	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.1	—	—	0.01	SU	Y	H	NQ	N3B-2020-1746	CASA-20-199320	GELC
TA-53i	600.0	09/18/2019	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.16	—	—	0.01	SU	Y	H	NQ	N3B-2019-3371	CALA-19-185303	GELC
TA-53i	600.0	09/21/2018	F	INIT	REG	General Chemistry	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.49	—	—	0.01	SU	Y	H	NQ	N3B-2018-3938	CALA-18-160759	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	113	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	114	—	—	1.45	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	08/20/2021	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	117	—	—	1.45	mg/L	Y	—	NQ	N3B-2021-2350	CALA-21-232073	GELC
TA-53i	600.0	09/11/2020	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	118	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
TA-53i	600.0	09/18/2019	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	106	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3371	CALA-19-185303	GELC
TA-53i	600.0	09/21/2018	F	INIT	REG	General Chemistry	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	107	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-3938	CALA-18-160759	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00000000503	0.0188	0.0808	—	pCi/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00000000333	0.0158	0.0801	—	pCi/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	08/20/2021	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0222	0.0128	0.0656	—	pCi/L	Y	U	U	N3B-2021-2350	CALA-21-232072	GELC
TA-53i	600.0	09/11/2020	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.024	0.0126	0.0724	—	pCi/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/18/2019	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0108	0.0213	0.047	—	pCi/L	Y	U	U	N3B-2019-3371	CALA-19-185302	GELC
TA-53i	600.0	09/21/2018	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.105	0.091	0.526	—	pCi/L	Y	U	U	N3B-2018-3938	CALA-18-160760	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0409	—	—	0.017	mg/L	Y	J	J	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0363	—	—	0.017	mg/L	Y	J	J	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	08/20/2021	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0518	—	—	0.017	mg/L	Y	—	U	N3B-2021-2350	CALA-21-232073	GELC
TA-53i	600.0	09/11/2020	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2020-1746	CASA-20-199320	GELC
TA-53i	600.0	09/18/2019	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0396	—	—	0.017	mg/L	Y	J	J	N3B-2019-3371	CALA-19-185303	GELC
TA-53i	600.0	09/21/2018	F	INIT	REG	General Chemistry	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0465	—	—	0.017	mg/L	Y	J	U	N3B-2018-3938	CALA-18-160759	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.06	—	—	2	µg/L	Y	J	J	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6020B	Arsenic	As	Y	2.05	—	—	2	µg/L	Y	J	J	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	08/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.33	—	—	2	µg/L	Y	J	J	N3B-2021-2350	CALA-21-232073	GELC
TA-53i	600.0	09/11/2020	F	INIT	REG	Inorganic	SW-846:6020B	Arsenic	As	Y	2.18	—	—	2	µg/L	Y	J	J	N3B-2020-1746	CASA-20-199320	GELC
TA-53i	600.0	09/18/2019	F	INIT	REG	Inorganic	SW-846:6020A	Arsenic	As	Y	5.92	—	—	2	µg/L	Y	—	NQ	N3B-2019-3371	CALA-19-185303	GELC
TA-53i	600.0	09/21/2018	F	INIT	REG	Inorganic	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	N3B-2018-3938	CALA-18-160759	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6010D	Barium	Ba	Y	54	—	—	1	µg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6010D	Barium	Ba	Y	52.1	—	—	1	µg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	08/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	50.8	—	—	1	µg/L	Y	—	NQ	N3B-2021-2350	CALA-21-232073	GELC
TA-53i	600.0	09/11/2020	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	54.1	—	—	1	µg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
TA-53i	600.0	09/18/2019	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	45.6	—	—	1	µg/L	Y	—	NQ	N3B-2019-3371	CALA-19-185303	GELC
TA-53i	600.0	09/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Barium	Ba	Y	39.5	—	—	1	µg/L	Y	—	NQ	N3B-2018-3938	CALA-18-160759	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	Y	14.7	—	—	6	µg/L	Y	J	J-	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	SVOC	SW-846:8270E	Benzoic Acid	65-85-0	Y	15.1	—	—	5.99	µg/L	Y	J	J-	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	09/11/2020	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6	—	—	6	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/18/2019	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6	—	—	6	µg/L	Y	U	U	N3B-2019-3371	CALA-19-185302	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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
TA-53i	600.0	09/21/2018	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.32	—	—	6.32	µg/L	Y	U	U	N3B-2018-3938	CALA-18-160760	GELC
TA-53i	600.0	09/25/2017	UF	RE	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.25	—	—	6.25	µg/L	Y	U	U	2017-2902	CALA-17-144818	GELC
TA-53i	600.0	09/25/2017	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.45	—	—	6.45	µg/L	N	U	U	2017-2902	CALA-17-144818	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6010D	Boron	B	Y	43.5	—	—	15	µg/L	Y	J	J	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6010D	Boron	B	Y	39.9	—	—	15	µg/L	Y	J	J	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	08/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	28.6	—	—	15	µg/L	Y	J	J	N3B-2021-2350	CALA-21-232073	GELC
TA-53i	600.0	09/11/2020	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	36.8	—	—	15	µg/L	Y	J	J	N3B-2020-1746	CASA-20-199320	GELC
TA-53i	600.0	09/18/2019	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	Y	25.1	—	—	15	µg/L	Y	J	J	N3B-2019-3371	CALA-19-185303	GELC
TA-53i	600.0	09/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2018-3938	CALA-18-160759	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	2.47	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	2.44	—	—	0.067	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	08/20/2021	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	2.52	—	—	0.067	mg/L	Y	—	NQ	N3B-2021-2350	CALA-21-232073	GELC
TA-53i	600.0	09/11/2020	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	2.29	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
TA-53i	600.0	09/18/2019	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	2.33	—	—	0.067	mg/L	Y	—	NQ	N3B-2019-3371	CALA-19-185303	GELC
TA-53i	600.0	09/21/2018	F	INIT	REG	General Chemistry	EPA:300.0	Bromide	Br(-1)	Y	1.99	—	—	0.067	mg/L	Y	—	NQ	N3B-2018-3938	CALA-18-160759	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6010D	Calcium	Ca	Y	50.7	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6010D	Calcium	Ca	Y	50.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	08/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	48.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2350	CALA-21-232073	GELC
TA-53i	600.0	09/11/2020	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	48.1	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
TA-53i	600.0	09/18/2019	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	42.8	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3371	CALA-19-185303	GELC
TA-53i	600.0	09/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Calcium	Ca	Y	37	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3938	CALA-18-160759	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.419	1.42	4.96	—	pCi/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	7.97	3.12	5.02	—	pCi/L	Y	—	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	08/20/2021	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-2.25	1.22	3.75	—	pCi/L	Y	U	U	N3B-2021-2350	CALA-21-232072	GELC
TA-53i	600.0	09/11/2020	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.47	1.5	5.31	—	pCi/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/18/2019	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.206	1.05	3.96	—	pCi/L	Y	U	U	N3B-2019-3371	CALA-19-185302	GELC
TA-53i	600.0	09/21/2018	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.217	0.94	3.37	—	pCi/L	Y	U	U	N3B-2018-3938	CALA-18-160760	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	37.1	—	—	0.67	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	37.8	—	—	0.67	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	08/20/2021	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	40.6	—	—	0.67	mg/L	Y	—	NQ	N3B-2021-2350	CALA-21-232073	GELC
TA-53i	600.0	09/11/2020	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	38.2	—	—	0.67	mg/L	Y	—	J+	N3B-2020-1746	CASA-20-199320	GELC
TA-53i	600.0	09/18/2019	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	39.2	—	—	0.67	mg/L	Y	—	J+	N3B-2019-3371	CALA-19-185303	GELC
TA-53i	600.0	09/21/2018	F	INIT	REG	General Chemistry	EPA:300.0	Chloride	Cl(-1)	Y	40	—	—	0.335	mg/L	Y	—	NQ	N3B-2018-3938	CALA-18-160759	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.23	—	—	3	µg/L	Y	J	J	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.65	—	—	3	µg/L	Y	J	J	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	08/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.09	—	—	3	µg/L	Y	J	J	N3B-2021-2350	CALA-21-232073	GELC
TA-53i	600.0	09/11/2020	F	INIT	REG	Inorganic	SW-846:6020B	Chromium	Cr	Y	3.41	—	—	3	µg/L	Y	J	J	N3B-2020-1746	CASA-20-199320	GELC
TA-53i	600.0	09/18/2019	F	INIT	REG	Inorganic	SW-846:6020A	Chromium	Cr	Y	3.82	—	—	3	µg/L	Y	J	J	N3B-2019-3371	CALA-19-185303	GELC
TA-53i	600.0	09/21/2018	F	INIT	REG	Inorganic	SW-846:6020	Chromium	Cr	Y	4.48	—	—	3	µg/L	Y	J	J	N3B-2018-3938	CALA-18-160759	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	3.72	2.54	7.08	—	pCi/L	Y	U	UJ	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.716	1.62	6.25	—	pCi/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	08/20/2021	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.353	1.1	4.62	—	pCi/L	Y	U	U	N3B-2021-2350	CALA-21-232072	GELC
TA-53i	600.0	09/11/2020	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.57	1.61	4.15	—	pCi/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/18/2019	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.26	1.04	3.59	—	pCi/L	Y	U	U	N3B-2019-3371	CALA-19-185302	GELC
TA-53i	600.0	09/21/2018	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.454	1	3.73	—	pCi/L	Y	U	U	N3B-2018-3938	CALA-18-160760	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.178	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.177	—	—	0.033	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	08/20/2021	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.184	—	—	0.033	mg/L	Y	—	NQ	N3B-2021-2350	CALA-21-232073	GELC
TA-53i	600.0	09/11/2020	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.195	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
TA-53i	600.0	09/18/2019	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.248	—	—	0.033	mg/L	Y	—	NQ	N3B-2019-3371	CALA-19-185303	GELC
TA-53i	600.0	09/21/2018	F	INIT	REG	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y	0.176	—	—	0.033	mg/L	Y	—	NQ	N3B-2018-3938	CALA-18-160759	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	EPA:900.0	Gross alpha	GROSSA	N	2.45	1.01	2.68	—	pCi/L	Y	U	UJ	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	EPA:900.0	Gross alpha	GROSSA	N	1.41	0.853	2.63	—	pCi/L	Y	U	UJ	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	08/20/2021	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.55	0.968	2.56	—	pCi/L	Y	U	UJ	N3B-2021-2350	CALA-21-232072	GELC
TA-53i	600.0	09/11/2020	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.63	0.918	2.96	—	pCi/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/18/2019	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.72	0.989	2.99	—	pCi/L	Y	U	U	N3B-2019-3371	CALA-19-185302	GELC
TA-53i	600.0	09/21/2018	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	1.61	0.411	1.18	—	pCi/L	Y	—	NQ	N3B-2018-3938	CALA-18-160760	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	EPA:900.0	Gross beta	GROSSB	Y	5.57	1.01	2.42	—	pCi/L	Y	—	NQ	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	EPA:900.0	Gross beta	GROSSB	Y	5.46	0.999	2.4	—	pCi/L	Y	—	NQ	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	08/20/2021	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	12.5	1.2	2.62	—	pCi/L	Y	—	J	N3B-2021-2350	CALA-21-232072	GELC
TA-53i	600.0	09/11/2020	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.98	0.975	2.6	—	pCi/L	Y	—	NQ	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/18/2019	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.42	1	2.71	—	pCi/L	Y	—	NQ	N3B-2019-3371	CALA-19-185302	GELC
TA-53i	600.0	09/21/2018	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	7.52	1.07	2.19	—	pCi/L	Y	—	NQ	N3B-2018-3938	CALA-18-160760	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	174	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SM:A2340B	Hardness	Hardness	Y	172	—	—	0.453	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	08/20/2021	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	163	—	—	0.453	mg/L	Y	—	NQ	N3B-2021-2350	CALA-21-232073	GELC
TA-53i	600.0	09/11/2020	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	160	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
TA-53i	600.0	09/18/2019	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	144	—	—	0.453	mg/L	Y	—	NQ	N3B-2019-3371	CALA-19-185303	GELC
TA-53i	600.0	09/21/2018	F	INIT	REG	Inorganic	SM:A2340B	Hardness	Hardness	Y	123	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-3938	CALA-18-160759	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6010D	Magnesium	Mg	Y	11.5	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6010D	Magnesium	Mg	Y	11.3	—	—	0.11	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	08/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	10.1	—	—	0.11	mg/L	Y	—	NQ	N3B-2021-2350	CALA-21-232073	GELC
TA-53i	600.0	09/11/2020	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	9.79	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
TA-53i	600.0	09/18/2019	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	9	—	—	0.11	mg/L	Y	—	NQ	N3B-2019-3371	CALA-19-185303	GELC
TA-53i	600.0	09/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Magnesium	Mg	Y	7.38	—	—	0.11	mg/L	Y	—	NQ	N3B-2018-3938	CALA-18-160759	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	146	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	151	—	—	0.2	µg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	08/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	141	—	—	0.2	µg/L	Y	—	NQ	N3B-2021-2350	CALA-21-232073	GELC
TA-53i	600.0	09/11/2020	F	INIT	REG	Inorganic	SW-846:6020B	Molybdenum	Mo	Y	144	—	—	1	µg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
TA-53i	600.0	09/18/2019	F	INIT	REG	Inorganic	SW-846:6020A	Molybdenum	Mo	Y	165	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-3371	CALA-19-185303	GELC
TA-53i	600.0	09/21/2018	F	INIT	REG	Inorganic	SW-846:6020	Molybdenum	Mo	Y	166	—	—	0.2	µg/L	Y	—	NQ	N3B-2018-3938	CALA-18-160759	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.19	2.61	9.3	—	pCi/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.743	2.91	10.5	—	pCi/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	08/20/2021	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.31	2.52	9.6	—	pCi/L	Y	U	U	N3B-2021-2350	CALA-21-232072	GELC
TA-53i	600.0	09/11/2020	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.749	2.44	9.11	—	pCi/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/18/2019	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.19	2.26	8.76	—	pCi/L	Y	U	U	N3B-2019-3371	CALA-19-185302	GELC
TA-53i	600.0	09/21/2018	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.05	1.82	7	—	pCi/L	Y	U	U	N3B-2018-3938	CALA-18-160760	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.49	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.75	—	—	0.6	µg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	08/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.25	—	—	0.6	µg/L	Y	—	NQ	N3B-2021-2350	CALA-21-232073	GELC
TA-53i	600.0	09/11/2020	F	INIT	REG	Inorganic	SW-846:6020B	Nickel	Ni	Y	2.77	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
TA-53i	600.0	09/18/2019	F	INIT	REG	Inorganic	SW-846:6020A	Nickel	Ni	Y	3.85	—	—	0.6	µg/L	Y	—	NQ	N3B-2019-3371	CALA-19-185303	GELC
TA-53i	600.0	09/21/2018	F	INIT	REG	Inorganic	SW-846:6020	Nickel	Ni	Y	4.05	—	—	0.6	µg/L	Y	—	NQ	N3B-2018-3938	CALA-18-160759	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.28	—	—	0.085	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.29	—	—	0.085	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	08/20/2021	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.39	—	—	0.085	mg/L	Y	—	NQ	N3B-2021-2350	CALA-21-232073	GELC
TA-53i	600.0	09/11/2020	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.4	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
TA-53i	600.0	09/18/2019	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.22	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-3371	CALA-19-185303	GELC
TA-53i	600.0	09/21/2018	F	INIT	REG	General Chemistry	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.13	—	—	0.17	mg/L	Y	—	NQ	N3B-2018-3938	CALA-18-160759	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.523	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.532	—	—	0.05	µg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	08/20/2021	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.576	—	—	0.05	µg/L	Y	—	NQ	N3B-2021-2350	CALA-21-232073	GELC
TA-53i	600.0	09/11/2020	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.585	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
TA-53i	600.0	09/18/2019	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.652	—	—	0.05	µg/L	Y	—	NQ	N3B-2019-3371	CALA-19-185303	GELC
TA-53i	600.0	09/21/2018	F	INIT	REG	LCMS/MS	SW-846:6850	Perchlorate	ClO4	Y	0.602	—	—	0.05	µg/L	Y	—	NQ	N3B-2018-3938	CALA-18-160759	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00411	0.0123	0.0826	—	pCi/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0354	0.0143	0.0712	—	pCi/L	Y	U	UJ	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	08/20/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0356	0.0455	0.167	—	pCi/L	Y	U	UJ	N3B-2021-2350	CALA-21-232072	GELC
TA-53i	600.0	09/11/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00708	0.00708	0.0769	—	pCi/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/18/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00454	0.00964	0.0398	—	pCi/L	Y	U	U	N3B-2019-3371	CALA-19-185302	GELC
TA-53i	600.0	09/21/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.0644	0.206	—	pCi/L	Y	U	U	N3B-2018-3938	CALA-18-160760	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00822	0.0101	0.0872	—	pCi/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.0112	0.0752	—	pCi/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	08/20/2021	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0355	0.0455	0.174	—	pCi/L	Y	U	UJ	N3B-2021-2350	CALA-21-232072	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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
TA-53i	600.0	09/11/2020	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0142	0.0112	0.104	—	pCi/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/18/2019	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0114	0.00819	0.0429	—	pCi/L	Y	U	U	N3B-2019-3371	CALA-19-185302	GELC
TA-53i	600.0	09/21/2018	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0644	0.0558	0.327	—	pCi/L	Y	U	U	N3B-2018-3938	CALA-18-160760	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6010D	Potassium	K	Y	5.74	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6010D	Potassium	K	Y	5.79	—	—	0.05	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	08/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	6.05	—	—	0.05	mg/L	Y	—	NQ	N3B-2021-2350	CALA-21-232073	GELC
TA-53i	600.0	09/11/2020	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	6.07	—	—	0.05	mg/L	Y	—	J	N3B-2020-1746	CASA-20-199320	GELC
TA-53i	600.0	09/18/2019	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	5.93	—	—	0.05	mg/L	Y	—	NQ	N3B-2019-3371	CALA-19-185303	GELC
TA-53i	600.0	09/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Potassium	K	Y	4.97	—	—	0.05	mg/L	Y	—	NQ	N3B-2018-3938	CALA-18-160759	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-42.8	26.3	81.8	—	pCi/L	Y	U	UJ	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	Y	86.3	26.2	66.7	—	pCi/L	Y	—	J	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	08/20/2021	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	15.8	17.9	73	—	pCi/L	Y	U	U	N3B-2021-2350	CALA-21-232072	GELC
TA-53i	600.0	09/11/2020	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-0.0674	19	71.9	—	pCi/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/18/2019	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	6.11	16.8	67.2	—	pCi/L	Y	U	U	N3B-2019-3371	CALA-19-185302	GELC
TA-53i	600.0	09/21/2018	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	34.9	15.8	39.4	—	pCi/L	Y	U	U	N3B-2018-3938	CALA-18-160760	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.69	0.239	0.619	—	pCi/L	Y	—	J+	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.763	0.223	0.496	—	pCi/L	Y	—	J+	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	08/20/2021	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	1.03	0.252	0.493	—	pCi/L	Y	—	NQ	N3B-2021-2350	CALA-21-232072	GELC
TA-53i	600.0	09/11/2020	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.549	0.194	0.506	—	pCi/L	Y	—	NQ	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.51	0.356	—	—	pCi/L	Y	—	J+	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.47	0.35	—	—	pCi/L	Y	J	J+	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	08/20/2021	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	2.14	0.333	—	—	pCi/L	Y	—	NQ	N3B-2021-2350	CALA-21-232072	GELC
TA-53i	600.0	09/11/2020	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.742	0.28	—	—	pCi/L	Y	—	NQ	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.816	0.263	0.717	—	pCi/L	Y	—	NQ	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.707	0.27	0.788	—	pCi/L	Y	U	UJ	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	08/20/2021	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	1.11	0.218	0.554	—	pCi/L	Y	—	NQ	N3B-2021-2350	CALA-21-232072	GELC
TA-53i	600.0	09/11/2020	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.192	0.201	0.689	—	pCi/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	64.2	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6010D	Silicon Dioxide	SiO2	Y	63.8	—	—	0.053	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	08/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.9	—	—	0.053	mg/L	Y	—	NQ	N3B-2021-2350	CALA-21-232073	GELC
TA-53i	600.0	09/11/2020	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.8	—	—	0.053	mg/L	Y	—	J+	N3B-2020-1746	CASA-20-199320	GELC
TA-53i	600.0	09/18/2019	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	57.5	—	—	0.053	mg/L	Y	—	NQ	N3B-2019-3371	CALA-19-185303	GELC
TA-53i	600.0	09/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Silicon Dioxide	SiO2	Y	54.3	—	—	0.053	mg/L	Y	—	NQ	N3B-2018-3938	CALA-18-160759	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6010D	Sodium	Na	Y	19.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6010D	Sodium	Na	Y	20	—	—	0.1	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	08/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	19.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2021-2350	CALA-21-232073	GELC
TA-53i	600.0	09/11/2020	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	19.6	—	—	0.1	mg/L	Y	—	J	N3B-2020-1746	CASA-20-199320	GELC
TA-53i	600.0	09/18/2019	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	18	—	—	0.1	mg/L	Y	—	NQ	N3B-2019-3371	CALA-19-185303	GELC
TA-53i	600.0	09/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Sodium	Na	Y	15.8	—	—	0.1	mg/L	Y	—	NQ	N3B-2018-3938	CALA-18-160759	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.369	1.71	6.28	—	pCi/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.433	1.59	6.07	—	pCi/L	Y	U	U	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	08/20/2021	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.284	1.46	5.53	—	pCi/L	Y	U	U	N3B-2021-2350	CALA-21-232072	GELC
TA-53i	600.0	09/11/2020	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.29	1.33	4.21	—	pCi/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/18/2019	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.06	1.21	5.08	—	pCi/L	Y	U	U	N3B-2019-3371	CALA-19-185302	GELC
TA-53i	600.0	09/21/2018	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.98	0.627	3.45	—	pCi/L	Y	U	U	N3B-2018-3938	CALA-18-160760	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	456	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	463	—	—	1	µS/cm	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	08/20/2021	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	446	—	—	1	µS/cm	Y	—	NQ	N3B-2021-2350	CALA-21-232073	GELC
TA-53i	600.0	09/11/2020	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	418	—	—	1	µS/cm	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
TA-53i	600.0	09/18/2019	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	400	—	—	1	µS/cm	Y	—	NQ	N3B-2019-3371	CALA-19-185303	GELC
TA-53i	600.0	09/21/2018	F	INIT	REG	General Chemistry	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	404	—	—	1	µS/cm	Y	—	NQ	N3B-2018-3938	CALA-18-160759	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6010D	Strontium	Sr	Y	266	—	—	1	µg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6010D	Strontium	Sr	Y	268	—	—	1	µg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	08/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	263	—	—	1	µg/L	Y	—	NQ	N3B-2021-2350	CALA-21-232073	GELC
TA-53i	600.0	09/11/2020	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	276	—	—	1	µg/L	Y	—	J	N3B-2020-1746	CASA-20-199320	GELC
TA-53i	600.0	09/18/2019	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	238	—	—	1	µg/L	Y	—	NQ	N3B-2019-3371	CALA-19-185303	GELC
TA-53i	600.0	09/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Strontium	Sr	Y	215	—	—	1	µg/L	Y	—	NQ	N3B-2018-3938	CALA-18-160759	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.268	0.151	0.489	—	pCi/L	Y	U	UJ	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.2	0.112	0.366	—	pCi/L	Y	U	UJ	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	08/20/2021	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.11	0.143	0.492	—	pCi/L	Y	U	UJ	N3B-2021-2350	CALA-21-232072	GELC
TA-53i	600.0	09/11/2020	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.201	0.129	0.43	—	pCi/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/18/2019	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.178	0.125	0.482	—	pCi/L	Y	U	U	N3B-2019-3371	CALA-19-185302	GELC
TA-53i	600.0	09/21/2018	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.348	0.107	0.496	—	pCi/L	Y	U	U	N3B-2018-3938	CALA-18-160760	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	35.6	—	—	1.33	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	36.2	—	—	1.33	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	08/20/2021	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	38.1	—	—	1.33	mg/L	Y	—	NQ	N3B-2021-2350	CALA-21-232073	GELC
TA-53i	600.0	09/11/2020	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	34.2	—	—	1.33	mg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
TA-53i	600.0	09/18/2019	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	31.7	—	—	1.33	mg/L	Y	—	NQ	N3B-2019-3371	CALA-19-185303	GELC
TA-53i	600.0	09/21/2018	F	INIT	REG	General Chemistry	EPA:300.0	Sulfate	SO4(-2)	Y	28.1	—	—	0.665	mg/L	Y	—	NQ	N3B-2018-3938	CALA-18-160759	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	294	—	—	2.38	mg/L	Y	—	J	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	299	—	—	2.38	mg/L	Y	—	J	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	08/20/2021	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	307	—	—	3.4	mg/L	Y	—	NQ	N3B-2021-2350	CALA-21-232073	GELC
TA-53i	600.0	09/11/2020	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	293	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
TA-53i	600.0	09/18/2019	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	274	—	—	3.4	mg/L	Y	—	NQ	N3B-2019-3371	CALA-19-185303	GELC
TA-53i	600.0	09/21/2018	F	INIT	REG	General Chemistry	EPA:160.1	Total Dissolved Solids	TDS	Y	297	—	—	3.4	mg/L	Y	—	NQ	N3B-2018-3938	CALA-18-160759	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	1.61	—	—	0.33	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	2.11	—	—	0.33	mg/L	Y	—	NQ	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	08/20/2021	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	0.877	—	—	0.33	mg/L	Y	J	J	N3B-2021-2350	CALA-21-232072	GELC
TA-53i	600.0	09/11/2020	UF	INIT	REG	General Chemistry	SW-846:9060A	Total Organic Carbon	TOC	Y	1.54	—	—	0.33	mg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/18/2019	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	0.992	—	—	0.33	mg/L	Y	J	J	N3B-2019-3371	CALA-19-185302	GELC
TA-53i	600.0	09/21/2018	UF	INIT	REG	General Chemistry	SW-846:9060	Total Organic Carbon	TOC	Y	1.34	—	—	0.33	mg/L	Y	—	NQ	N3B-2018-3938	CALA-18-160760	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0854	—	—	0.02	mg/L	Y	—	J	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.112	—	—	0.02	mg/L	Y	—	J	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	08/20/2021	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.04	—	—	0.02	mg/L	Y	J	U	N3B-2021-2350	CALA-21-232073	GELC
TA-53i	600.0	09/11/2020	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0888	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
TA-53i	600.0	09/18/2019	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0914	—	—	0.02	mg/L	Y	—	U	N3B-2019-3371	CALA-19-185303	GELC
TA-53i	600.0	09/21/2018	F	INIT	REG	General Chemistry	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0473	—	—	0.02	mg/L	Y	J	U	N3B-2018-3938	CALA-18-160759	GELC
TA-53i	600	9/13/2022	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	64.444	9.794	2.766	–	pCi/L	Y	Q	J	N3B-2022-3196	CALA-22-258574	ARSL
TA-53i	600	9/13/2022	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	49.009	7.491	2.795	–	pCi/L	Y	Q	J	N3B-2022-3196	CALA-22-258578	ARSL
TA-53i	600	8/20/2021	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	83.747	12.689	2.843	–	pCi/L	Y	–	NQ	N3B-2021-2415	CALA-21-232072	ARSL
TA-53i	600	9/11/2020	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	86.35	13.09	2.995	–	pCi/L	Y	–	NQ	N3B-2020-1890	CASA-20-199319	ARSL
TA-53i	600	9/18/2019	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	96.302	14.579	2.991	–	pCi/L	Y	–	NQ	N3B-2019-3350	CALA-19-185302	ARSL
TA-53i	600	9/21/2018	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	117.95	17.828	3.137	–	pCi/L	Y	–	J-	N3B-2018-3982	CALA-18-160760	ARSL
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	2.03	—	—	0.067	µg/L	Y	—	J+	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6020B	Uranium	U	Y	2.02	—	—	0.067	µg/L	Y	—	J+	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	08/20/2021	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.89	—	—	0.067	µg/L	Y	—	NQ	N3B-2021-2350	CALA-21-232073	GELC
TA-53i	600.0	09/11/2020	F	INIT	REG	Inorganic	SW-846:6020B	Uranium	U	Y	1.67	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
TA-53i	600.0	09/18/2019	F	INIT	REG	Inorganic	SW-846:6020A	Uranium	U	Y	1.76	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3371	CALA-19-185303	GELC
TA-53i	600.0	09/21/2018	F	INIT	REG	Inorganic	SW-846:6020	Uranium	U	Y	1.48	—	—	0.067	µg/L	Y	—	J+	N3B-2018-3938	CALA-18-160759	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.39	0.111	0.0829	—	pCi/L	Y	—	NQ	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.48	0.123	0.0945	—	pCi/L	Y	—	NQ	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	08/20/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.28	0.0798	0.105	—	pCi/L	Y	—	NQ	N3B-2021-2350	CALA-21-232072	GELC
TA-53i	600.0	09/11/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.53	0.0731	0.0792	—	pCi/L	Y	—	NQ	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/18/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.982	0.0714	0.0951	—	pCi/L	Y	—	J	N3B-2019-3371	CALA-19-185302	GELC
TA-53i	600.0	09/21/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.68	0.206	0.65	—	pCi/L	Y	—	NQ	N3B-2018-3938	CALA-18-160760	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0154	0.0136	0.0809	—	pCi/L	Y	U	U	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.041	0.0196	0.0923	—	pCi/L	Y	U	UJ	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	08/20/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0102	0.0177	0.0788	—	pCi/L	Y	U	U	N3B-2021-2350	CALA-21-232072	GELC
TA-53i	600.0	09/11/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0418	0.0167	0.0514	—	pCi/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/18/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0425	0.0175	0.0713	—	pCi/L	Y	U	U	N3B-2019-3371	CALA-19-185302	GELC
TA-53i	600.0	09/21/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.539	0.134	0.617	—	pCi/L	Y	U	U	N3B-2018-3938	CALA-18-160760	GELC
TA-53i	600.0	09/13/2022	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.612	0.0631	0.0872	—	pCi/L	Y	—	NQ	N3B-2022-3176	CALA-22-258574	GELC
TA-53i	600.0	09/13/2022	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.702	0.072	0.0994	—	pCi/L	Y	—	NQ	N3B-2022-3176	CALA-22-258578	GELC
TA-53i	600.0	08/20/2021	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.673	0.0558	0.104	—	pCi/L	Y	—	NQ	N3B-2021-2350	CALA-21-232072	GELC

Table C-2 Analytical Detections from the Periodic Monitoring Event 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
TA-53i	600.0	09/11/2020	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.618	0.0469	0.0707	—	pCi/L	Y	—	NQ	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/18/2019	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.496	0.0504	0.0638	—	pCi/L	Y	—	J	N3B-2019-3371	CALA-19-185302	GELC
TA-53i	600.0	09/21/2018	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.852	0.139	0.448	—	pCi/L	Y	—	NQ	N3B-2018-3938	CALA-18-160760	GELC
TA-53i	600.0	09/13/2022	F	INIT	REG	Inorganic	SW-846:6010D	Vanadium	V	Y	1.2	—	—	1	µg/L	Y	J	J	N3B-2022-3176	CALA-22-258575	GELC
TA-53i	600.0	09/13/2022	F	INIT	FD	Inorganic	SW-846:6010D	Vanadium	V	N	1	—	—	1	µg/L	Y	U	U	N3B-2022-3176	CALA-22-258579	GELC
TA-53i	600.0	08/20/2021	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	N	1	—	—	1	µg/L	Y	U	U	N3B-2021-2350	CALA-21-232073	GELC
TA-53i	600.0	09/11/2020	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	N	1	—	—	1	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199320	GELC
TA-53i	600.0	09/18/2019	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	N	1	—	—	1	µg/L	Y	U	U	N3B-2019-3371	CALA-19-185303	GELC
TA-53i	600.0	09/21/2018	F	INIT	REG	Inorganic	SW-846:6010C	Vanadium	V	N	1	—	—	1	µg/L	Y	U	U	N3B-2018-3938	CALA-18-160759	GELC

Appendix D

Groundwater Results Greater Than Half of Screening Values

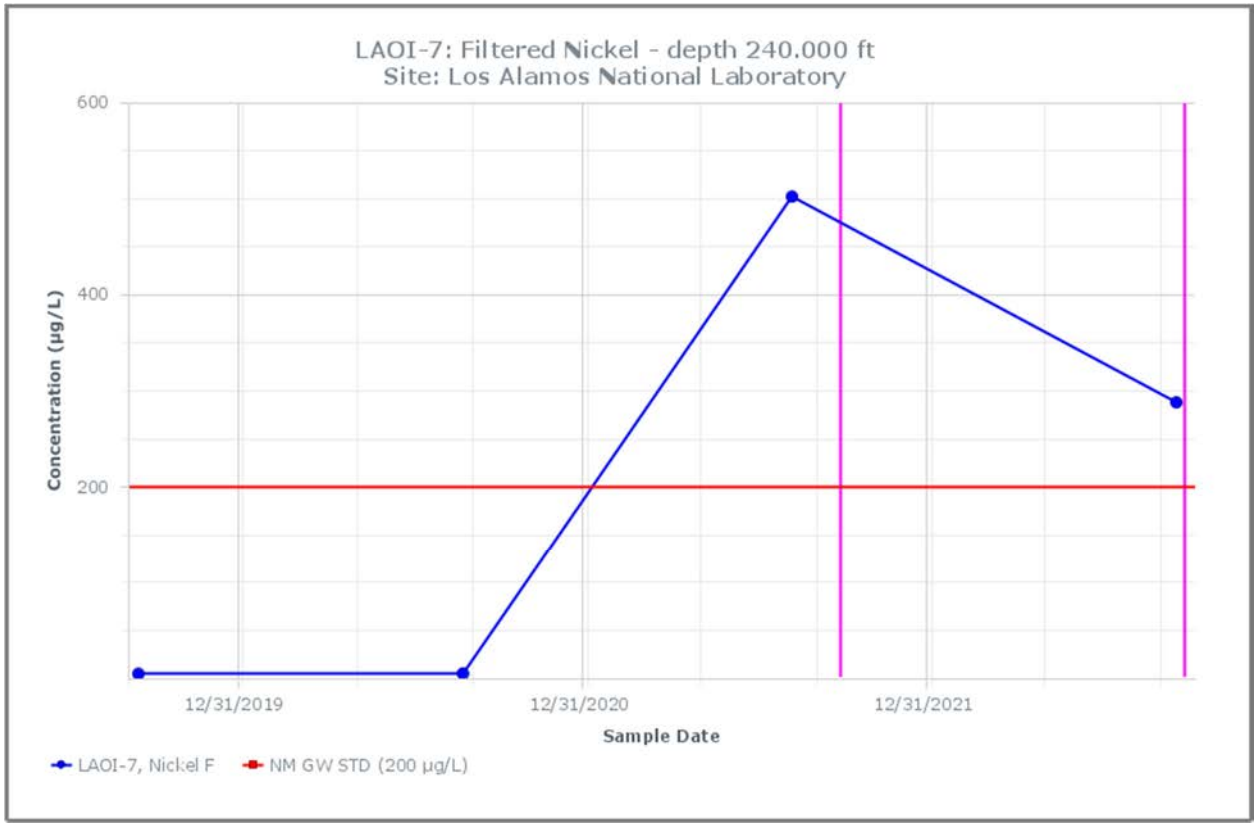
Zone	Location ID	Screen Depth (ft)	Sample Date	Analysis Suite	Parameter Name	Parameter Code	Field Preparation Code	Analysis Type Code	Field Quality Control Code	Detected	Report Result	Method Detection Limit	Report Units	Dilution Factor	Lab Qualifier	Validation Qualifier	Validation Reason Codes	Best Value	Lab Method	Lab ID	Screening Level	Reporting Level Code	Result per Screening Level
Intermediate	LAOI-7	240.0	09/23/2022	Inorganic	Nickel	Ni	F[a]	INIT[b]	REG[c]	Y[d]	288	0.600	µg/L	1.0	—[e]	NQ[f]	NQ	Y	SW-846:6020B	GELC[g]	200	NM GW STD[h]	1.44
Intermediate	R-5 S2	372.8	09/19/2022	General chemistry	Fluoride	F(-1)	F	INIT	REG	Y	1.29	0.0330	mg/L	1.0	—	NQ	NQ	Y	EPA:300.0	GELC	1.6	NM GW STD	0.81
Intermediate	R-6i	602.0	09/06/2022	General chemistry	Fluoride	F(-1)	F	INIT	REG	Y	1.2	0.0330	mg/L	1.0	—	NQ	NQ	Y	EPA:300.0	GELC	1.6	NM GW STD	0.75
Intermediate	R-6i	602.0	09/06/2022	SVOC[i]	Dioxane[1,4-]	123-91-1	UF[j]	INIT	REG	Y	2.88	0.100	µg/L	1.0	B	J+[k]	SV4a[l]	Y	SW-846:8270E_SIM	GELC	4.59	NMED A1 TAP SCRN LVL[m]	0.63

[a] F = Filtered.
[b] INIT = Initial.
[c] REG = Regular.
[d] Y = Yes.
[e] — = Not applicable.
[f] NQ = Not qualified.
[g] GELC = GEL Laboratories, LLC, Division of the GEL Group, Charleston, SC.
[h] NM GW STD = New Mexico Water Quality Control Commission groundwater standard.
[i] SVOC = Semi-volatile organic compound.
[j] UF = Unfiltered.
[k] 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.
[l] 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.
[m] NMED A1 TAP SCRN LVL = New Mexico Environment Department screening level for tap water.

Appendix E

Analytical Chemistry Graphs of Screening-Value Exceedances

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



Appendix F

Analytical Reports
(on DVD included with this document)

N3B RECORDS	
Media Information Page	
This is a placeholder page for a record that cannot be uploaded or would lose meaning or content if uploaded. The record can be requested through regdocs@em-la.doe.gov	
Document Date: 11/3/2023	**EM ID number:** 702945-02
Document Title: Appendix F Submittal of the 2023 Annual Periodic Monitoring Report for the Technical Area 21 Monitoring Group, Los Alamos Canyon Watershed, Revision 1, and the Response to the New Mexico Environment Department Review of the 2023 Annual Periodic Monitoring Report for the Technical Area 21 Monitoring Group, Los Alamos Canyon Watershed	☒ **No restrictions** ☐ **UCNI** ☐ **Copyrighted**
Media type and quantity: 1 CD 1 DVD	**Software and version required to read media:** Adobe Acrobat 9.0
Other document numbers or notes: Files are too numerous and large to upload.	

DVD Table of Contents

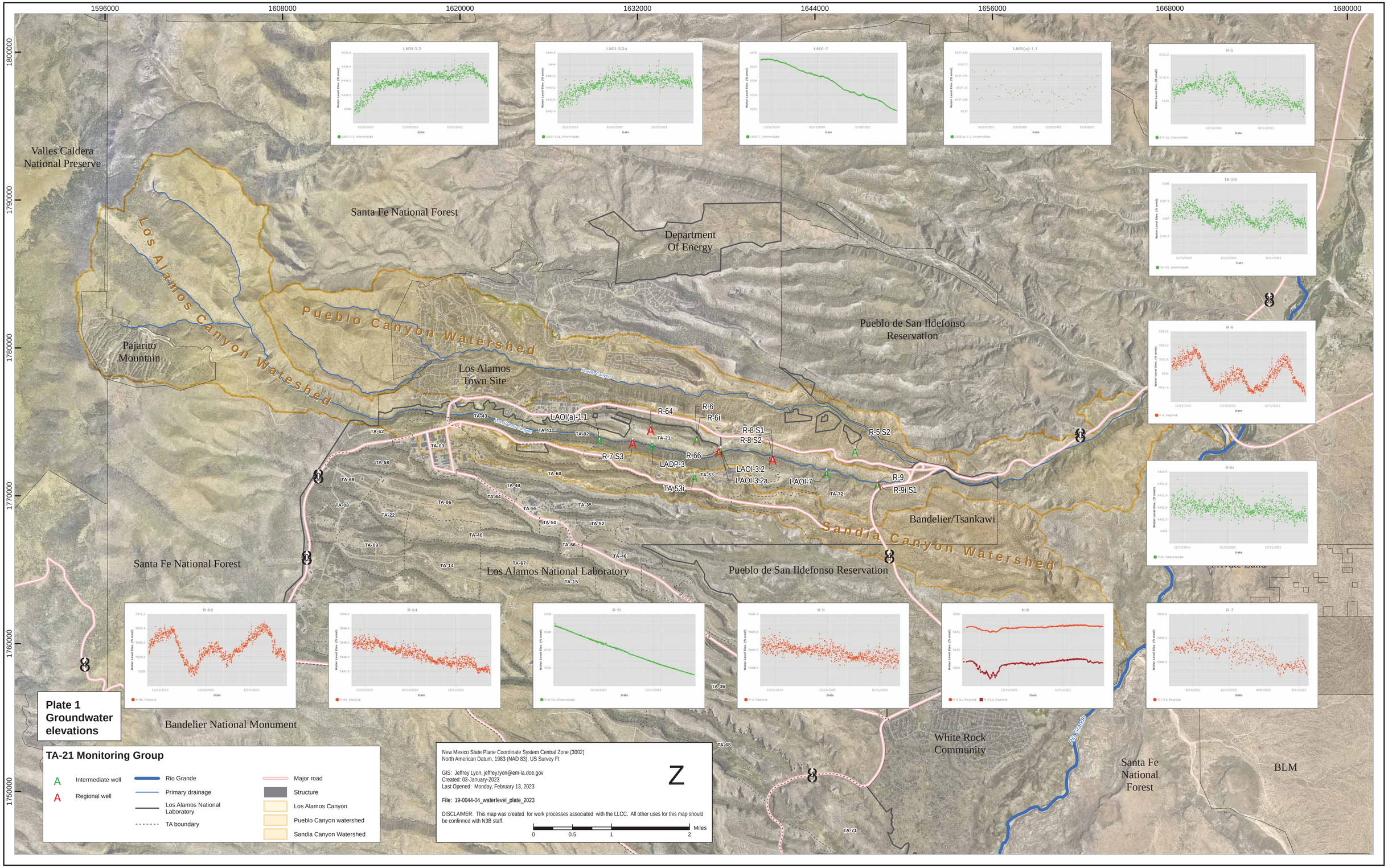
Chain of Custody	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2022-3095	Inorganic	GELC[a]	CALA-22-258581	09/06/2022	R-6	1205.0	1228.0
N3B-2022-3095	Inorganic	GELC	CALA-22-258582	09/06/2022	R-6	1205.0	1228.0
N3B-2022-3095	Inorganic	GELC	CALA-22-258566	09/06/2022	R-6i	602.0	612.0
N3B-2022-3095	Inorganic	GELC	CALA-22-258567	09/06/2022	R-6i	602.0	612.0
N3B-2022-3095	Organic	GELC	CALA-22-258581	09/06/2022	R-6	1205.0	1228.0
N3B-2022-3095	Organic	GELC	CALA-22-258566	09/06/2022	R-6i	602.0	612.0
N3B-2022-3095	Rad[b]	GELC	CALA-22-258581	09/06/2022	R-6	1205.0	1228.0
N3B-2022-3095	Rad	GELC	CALA-22-258566	09/06/2022	R-6i	602.0	612.0
N3B-2022-3106	Inorganic	GELC	CALA-22-258592	09/07/2022	R-8 S1	705.3	755.7
N3B-2022-3106	Inorganic	GELC	CALA-22-258593	09/07/2022	R-8 S1	705.3	755.7
N3B-2022-3106	Inorganic	GELC	CALA-22-258596	09/07/2022	R-8 S2	821.3	828.0
N3B-2022-3106	Inorganic	GELC	CALA-22-258597	09/07/2022	R-8 S2	821.3	828.0
N3B-2022-3106	Organic	GELC	CALA-22-258592	09/07/2022	R-8 S1	705.3	755.7
N3B-2022-3106	Organic	GELC	CALA-22-258596	09/07/2022	R-8 S2	821.3	828.0
N3B-2022-3106	Rad	GELC	CALA-22-258592	09/07/2022	R-8 S1	705.3	755.7
N3B-2022-3106	Rad	GELC	CALA-22-258596	09/07/2022	R-8 S2	821.3	828.0
N3B-2022-3165	Inorganic	GELC	CALA-22-258551	09/12/2022	LAOI-3.2	153.3	162.8
N3B-2022-3165	Inorganic	GELC	CALA-22-258552	09/12/2022	LAOI-3.2	153.3	162.8
N3B-2022-3165	Organic	GELC	CALA-22-258551	09/12/2022	LAOI-3.2	153.3	162.8
N3B-2022-3165	Rad	GELC	CALA-22-258551	09/12/2022	LAOI-3.2	153.3	162.8
N3B-2022-3176	Inorganic	GELC	CALA-22-258574	09/13/2022	TA-53i	600.0	610.0
N3B-2022-3176	Inorganic	GELC	CALA-22-258575	09/13/2022	TA-53i	600.0	610.0
N3B-2022-3176	Inorganic	GELC	CALA-22-258578	09/13/2022	TA-53i	600.0	610.0
N3B-2022-3176	Inorganic	GELC	CALA-22-258579	09/13/2022	TA-53i	600.0	610.0
N3B-2022-3176	Organic	GELC	CALA-22-258574	09/13/2022	TA-53i	600.0	610.0
N3B-2022-3176	Organic	GELC	CALA-22-258578	09/13/2022	TA-53i	600.0	610.0
N3B-2022-3176	Rad	GELC	CALA-22-258574	09/13/2022	TA-53i	600.0	610.0
N3B-2022-3176	Rad	GELC	CALA-22-258578	09/13/2022	TA-53i	600.0	610.0

Chain of Custody	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2022-3194	Inorganic	GELC	CALA-22-258547	09/14/2022	LAOI(a)-1.1	295.2	305.0
N3B-2022-3194	Inorganic	GELC	CALA-22-258548	09/14/2022	LAOI(a)-1.1	295.2	305.0
N3B-2022-3194	Organic	GELC	CALA-22-258547	09/14/2022	LAOI(a)-1.1	295.2	305.0
N3B-2022-3194	Rad	GELC	CALA-22-258547	09/14/2022	LAOI(a)-1.1	295.2	305.0
N3B-2022-3222	Inorganic	GELC	CALA-22-258633	09/15/2022	R-66	819.4	839.7
N3B-2022-3222	Inorganic	GELC	CALA-22-258634	09/15/2022	R-66	819.4	839.7
N3B-2022-3222	Inorganic	GELC	CALA-22-258585	09/15/2022	R-7 S3	895.5	937.4
N3B-2022-3222	Inorganic	GELC	CALA-22-258586	09/15/2022	R-7 S3	895.5	937.4
N3B-2022-3222	Inorganic	GELC	CALA-22-258589	09/15/2022	R-7 S3	895.5	937.4
N3B-2022-3222	Inorganic	GELC	CALA-22-258590	09/15/2022	R-7 S3	895.5	937.4
N3B-2022-3222	Organic	GELC	CALA-22-258633	09/15/2022	R-66	819.4	839.7
N3B-2022-3222	Organic	GELC	CALA-22-258585	09/15/2022	R-7 S3	895.5	937.4
N3B-2022-3222	Organic	GELC	CALA-22-258589	09/15/2022	R-7 S3	895.5	937.4
N3B-2022-3222	Rad	GELC	CALA-22-258633	09/15/2022	R-66	819.4	839.7
N3B-2022-3222	Rad	GELC	CALA-22-258585	09/15/2022	R-7 S3	895.5	937.4
N3B-2022-3222	Rad	GELC	CALA-22-258589	09/15/2022	R-7 S3	895.5	937.4
N3B-2022-3254	Inorganic	GELC	CAPU-22-258644	09/19/2022	R-5 S2	372.8	388.8
N3B-2022-3254	Inorganic	GELC	CAPU-22-258645	09/19/2022	R-5 S2	372.8	388.8
N3B-2022-3254	Organic	GELC	CAPU-22-258644	09/19/2022	R-5 S2	372.8	388.8
N3B-2022-3254	Rad	GELC	CAPU-22-258644	09/19/2022	R-5 S2	372.8	388.8
N3B-2022-3272	Inorganic	GELC	CALA-22-258640	09/20/2022	R-9	683.0	748.5
N3B-2022-3272	Inorganic	GELC	CALA-22-258641	09/20/2022	R-9	683.0	748.5
N3B-2022-3272	Inorganic	GELC	CALA-22-258570	09/20/2022	R-9i S1	189.1	199.5
N3B-2022-3272	Inorganic	GELC	CALA-22-258571	09/20/2022	R-9i S1	189.1	199.5
N3B-2022-3272	Organic	GELC	CALA-22-258640	09/20/2022	R-9	683.0	748.5
N3B-2022-3272	Organic	GELC	CALA-22-258570	09/20/2022	R-9i S1	189.1	199.5
N3B-2022-3272	Rad	GELC	CALA-22-258640	09/20/2022	R-9	683.0	748.5
N3B-2022-3272	Rad	GELC	CALA-22-258570	09/20/2022	R-9i S1	189.1	199.5
N3B-2022-3295	Inorganic	GELC	CALA-22-258555	09/21/2022	LAOI-3.2a	181.4	191.0

Chain of Custody	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth (ft)	Screen End (Bottom) Depth (ft)
N3B-2022-3295	Inorganic	GELC	CALA-22-258556	09/21/2022	LAOI-3.2a	181.4	191.0
N3B-2022-3295	Organic	GELC	CALA-22-258555	09/21/2022	LAOI-3.2a	181.4	191.0
N3B-2022-3295	Rad	GELC	CALA-22-258555	09/21/2022	LAOI-3.2a	181.4	191.0
N3B-2022-3319	Inorganic	GELC	CALA-22-258562	09/23/2022	LAOI-7	240.0	259.6
N3B-2022-3319	Inorganic	GELC	CALA-22-258563	09/23/2022	LAOI-7	240.0	259.6
N3B-2022-3319	Inorganic	GELC	CALA-22-258626	09/22/2022	R-64	1285.0	1305.5
N3B-2022-3319	Inorganic	GELC	CALA-22-258627	09/22/2022	R-64	1285.0	1305.5
N3B-2022-3319	Organic	GELC	CALA-22-258562	09/23/2022	LAOI-7	240.0	259.6
N3B-2022-3319	Organic	GELC	CALA-22-258626	09/22/2022	R-64	1285.0	1305.5
N3B-2022-3319	Rad	GELC	CALA-22-258562	09/23/2022	LAOI-7	240.0	259.6
N3B-2022-3319	Rad	GELC	CALA-22-258626	09/22/2022	R-64	1285.0	1305.5
N3B-2022-595	Inorganic	GELC	CALA-22-236930	12/20/2021	R-8 S2	821.3	828.0
N3B-2022-595	Inorganic	GELC	CALA-22-236931	12/20/2021	R-8 S2	821.3	828.0
N3B-2022-595	Inorganic	GELC	CALA-22-236932	12/20/2021	R-8 S2	821.3	828.0
N3B-2022-595	Inorganic	GELC	CALA-22-236933	12/20/2021	R-8 S2	821.3	828.0
N3B-2022-595	Organic	GELC	CALA-22-236931	12/20/2021	R-8 S2	821.3	828.0
N3B-2022-595	Organic	GELC	CALA-22-236933	12/20/2021	R-8 S2	821.3	828.0

[a] GELC = General Engineering Laboratories, Inc., Charleston, SC.

[b] RAD = Radiochemistry (not gamma).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Valles Caldera National Preserve
Santa Fe National Forest
Department Of Energy
Pueblo de San Ildefonso Reservation
Los Alamos Canyon Watershed
Pueblo Canyon Watershed
Sandia Canyon Watershed
Pajarito Mountain
Los Alamos Town Site
Los Alamos National Laboratory
Bandelier/Tsankawi
Bandelier National Monument
White Rock Community
Santa Fe National Forest
BLM
Rio Grande
LAOI(a)-1.1
R-64
R-6
R-6i
R-8 S1
R-8 S2
R-5 S2
R-7 S3
R-66
LADP-3
LAOI-3.2
LAOI-3.2a
LAOI-7
R-9
R-9i S1
TA-53i
TA-43
TA-41
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TA-36
TA-68
TA-71
LAOI-3.2
LAOI-3.2a
LAOI-7
LAOI(a)-1.1
R-5
TA-53i
R-6
R-6i
R-66
R-64
R-9i
R-9
R-8
R-7
Plate 1
Groundwater elevations
TA-21 Monitoring Group
Intermediate well
Regional well
Rio Grande
Primary drainage
Los Alamos National Laboratory
TA boundary
Major road
Structure
Los Alamos Canyon
Pueblo Canyon watershed
Sandia Canyon Watershed
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: 03-January-2023
Last Opened: Monday, February 13, 2023
File: 19-0044-04_waterlevel_plate_2023
DISCLAIMER: This map was created for work processes associated with the LLCC. All other uses for this map should be confirmed with N3B staff.
Z
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Miles