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DEPARTMENT OF ENERGY

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

EMLA-2021-0154-02-001

February 25, 2021

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

Subject: Submittal of the 2021 Annual Periodic Monitoring Report for the Technical Area 21 Monitoring Group, Los Alamos Canyon Watershed

Dear Mr. Pierard:

Enclosed please find two hard copies with electronic files of the "2021 Annual Periodic Monitoring Report for the Technical Area 21 Monitoring Group, Los Alamos Canyon Watershed." The report includes results from the fourth quarter of monitoring year 2020.

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

If you have any questions, please contact Steve Veenis at (505) 309-1362 (steve.veenis@em-la.doe.gov) or Hai Shen at (505) 257-7943 (hai.shen@em.doe.gov).

Sincerely,

Arturo Q. Duran

Digitally signed by Arturo Q. Duran
Date: 2021.02.22 14:48:04 -07'00'

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

Enclosures:

1. Two hard copies with electronic files – 2021 Annual Periodic Monitoring Report for the Technical Area 21 Monitoring Group, Los Alamos Canyon Watershed (EM2021-0016)

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February 2021
EM2021-0016

2021 Annual Periodic Monitoring Report for the Technical Area 21 Monitoring Group, Los Alamos Canyon Watershed

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.

EM2021-0016

2021 Annual Periodic Monitoring Report for the Technical Area 21 Monitoring Group, Los Alamos Canyon Watershed

February 2021

Responsible program director:

Printed Name	Signature	Title	Organization	Date
Steve Veenis	Steve Veenis	T2S Program Director	Water Program	2/18/21

Responsible N3B representative:

Printed Name	Signature	Title	Organization	Date
Kim Lebak	Kimberly D Lebak	Program Manager	N3B Environmental Remediation Program	2/18/21

Responsible DOE EM-LA representative:

Printed Name	Signature	Title	Organization	Date
Arturo Q. Duran	Arturo Q. Duran Digitally signed by Arturo Q. Duran Date: 2021.02.22 14:49:39 -07'00'	Compliance and Permitting Manager	Office of Quality and Regulatory Compliance	

EXECUTIVE SUMMARY

This annual periodic monitoring report (PMR) presents results for the Technical Area 21 (TA-21) monitoring group of the Newport News Nuclear BWXT-Los Alamos, LLC (N3B) groundwater monitoring program that have not been previously reported. All monitoring work reported in this PMR was conducted pursuant to the "Interim Facility-Wide Groundwater Monitoring Plan for the 2020 Monitoring Year, October 2019–September 2020," (2020 IFGMP) prepared in accordance with the 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 in Pueblo Canyon watershed.

This PMR presents monitoring results for one periodic monitoring event (PME) conducted during the fourth quarter of monitoring year 2020 and includes the monitoring of groundwater well and well screen locations.

In addition to results from this PME, 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 PMR publication.

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

No groundwater analytical results reported in this PMR were detected above the applicable screening values.

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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.)
DQO	data quality objective
EIM	Environmental Information Management (database)
EPA	Environmental Protection Agency (U.S.)
EQB	equipment rinsate blank
FB	field blank
FD	field duplicate
FTB	field trip blank
gpm	gallons per minute
HE	high explosives
HEXP	high explosives (analytical group)
ID	identification
IFGMP	Interim Facility-Wide Groundwater Monitoring Plan
LANL	Los Alamos National Laboratory
LC-MS/MS	liquid chromatography-mass spectrometry/mass spectrometry
MCL	maximum contaminant level (EPA)
MDA	material disposal area
MDL	method detection limit
N	No (best-value flag)
N3B	Newport News Nuclear BWXT-Los Alamos, LLC
NMAC	New Mexico Administrative Code
NMED	New Mexico Environment Department
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
SAP	sample and analysis plan
SOP	standard operating procedure
SU	standard unit
SVOC	semivolatile organic compound
TA	technical area
TSTA	Tritium Systems Test Assembly
VOC	volatile organic compound
WCSF	waste characterization strategy form
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 event (PME) conducted by Newport News Nuclear BWXT-Los Alamos, LLC (N3B):

Watershed	PME Reported		PME Field Sampling	
	Monitoring Year	Quarter	Begin	End
Los Alamos	2020	4	08/25/2020	09/11/2020

The annual TA-21 monitoring group PMR is submitted to the New Mexico Environment Department (NMED) every February and includes results from the TA-21 monitoring group PME performed during the fourth quarter of the monitoring year. 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 publication. In monitoring year (MY) 2019 and MY 2020, the following Westbay wells were scheduled to be converted to a submersible pump sampling system and then sampled quarterly: R-5 S2, R-7 S3, R-8 S1, R-8 S2, and R-9i. However, the scheduled conversions were not all completed in MY 2020, so sampling did not occur.

The PME reported in this PMR included sampling of groundwater wells and well screen locations pursuant to the “Interim Facility-Wide Groundwater Monitoring Plan for the 2020 Monitoring Year, October 2019–September 2020” (hereafter referred to as the 2020 IFGMP) (N3B 2019, 700451), which was prepared in accordance with the 2016 Compliance Order on Consent (the Consent Order).

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

This report presents the following information:

- general background information for 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 and located 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 includes five material disposal areas (MDAs): A, B, T, U, and V.

DP West operations began in September 1945, primarily to produce metal and alloys of plutonium 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. These facilities were used 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 (TSTA) for developing and demonstrating effective technology for handling and processing deuterium and tritium fuels used in fusion reactors. Operations ceased and the DP East facilities were placed in safe shutdown in 2003.

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, or 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 until 1993 from nuclear reactors at TA-02. 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 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 PME were analyzed for all or some of the following analytical groups as specified in the 2020 IFGMP (N3B 2019, 700451): metals; volatile organic compounds (VOCs); semivolatile organic compounds (SVOCs); low-level 1,4-dioxane; low-level nitrosamines; per- and polyfluoroalkyl substances (PFAS); radionuclides (including tritium and low-level tritium); and general inorganic chemicals (including perchlorate). The same samples were also analyzed for the following field parameters: dissolved oxygen (DO), 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 recent version of waste characterization strategy form (WCSF) “WCSF–Interim Facility-Wide Groundwater Monitoring” (LANL 2016, 601812). Purge water is stored until characterization is complete, and if requirements are met, the purge water can be land-applied in accordance with the standard operating procedure (SOP) “Land Application of Groundwater” (N3B-EPC-CP-QP-010 Rev 4) and standing order “Land Application of Groundwater” (N3B-SO-ER-0003), which implements the NMED-approved decision tree for land application of drilling, development, rehabilitation, and purge water. Purge water has been consolidated since April 2019 for off-site disposal because of new regulatory requirements for chemicals that were not analyzed at the time of sampling. When sample analyses include these constituents, purge water will be land-applied if all current land application criteria are met. Land application of water started in late December 2020 and is preceding as weather conditions allow.

Table 2.0-1 provides the location name and watershed; the monitoring year and quarter of the sampling event; the sample collection date; each well’s screened interval with top and bottom screen depths; and the casing volume, purge volume, and purge or flow rate for each sampling event. 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 observation and deviations from the planned monitoring scope for this annual PMR.

3.0 REGULATORY CRITERIA

Regulatory criteria related to groundwater quality form the basis for the screening values with which groundwater monitoring results are compared in this PMR. These criteria include the NMWQCC groundwater standards, EPA MCLs, NMED screening levels for tap water, and EPA regional screening

levels for tap water. These criteria are used to screen results in accordance with the process specified in Section IX of the Consent Order, as listed in Table 3.0-1.

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

- For each individual substance, the lower concentration of the NMWQCC groundwater standard or the EPA MCL is used as the screening value.
- If the NMWQCC groundwater standard or the EPA MCL has not been established for a specific substance for which toxicological information is published, the NMED screening level for tap water is used as the groundwater screening value. NMED screening levels are established for either a cancer- or noncancer-risk type; for the cancer-risk type, screening levels are based on a 10^{-5} excess cancer risk. This report was prepared using the 2019 NMED Risk Assessment Guidance for Site Investigations and Remediation (NMED 2019, 700550).
- If the NMED screening level for tap water has not been established for a specific substance for which toxicological information is published, the EPA regional screening level for tap water is used as the groundwater screening value. The EPA screening levels are established for either a cancer- or noncancer-risk type. For the cancer-risk type, the Consent Order specifies screening at a 10^{-5} excess cancer risk. The EPA screening levels for tap water are at 10^{-6} excess cancer risk; therefore, 10 times the EPA 10^{-6} screening levels are used in the screening process. This report was prepared using the November 2020 EPA regional screening levels for tap water (http://www.epa.gov/risk/risk-based-screening-table-generic-tables).
- The NMWQCC groundwater standards apply to the dissolved (filtered) portion of specified contaminants. However, the standards for mercury, organic compounds, and nonaqueous-phase liquids apply to the total unfiltered concentrations of the contaminants. For this report, EPA MCLs are applied to both filtered and unfiltered sample results.

4.0 MONITORING RESULTS

4.1 Methods and Procedures

All methods and procedures used to perform the field activities associated with the data reported in this PMR are documented in the 2020 IFGMP (N3B 2019, 700451).

4.2 Comparison of Target Analytes and Method Detection Limits

Several analytes have a range of method detection limits (MDLs). For some of these analytes, the MDL is much lower than for earlier analyses. Table 4.2-1 presents a list of analytes with analytical MDLs equal to or above screening values. Table 4.2-2 presents a list of analytes for which the lower range of MDLs is below the screening value but the upper portion of the range is above the screening value. 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 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 invalid because the well was dry when the transducer was installed and there is no reference manual measurement.
- LAOI(a)-1.1 the crew was unable to download data from the transducer.
- R-5 S2 discrepancy in surface elevation; groundwater elevations will be validated following resurvey.
- R-7 S3 discrepancy in surface elevation; groundwater elevations will be validated following resurvey.
- R-8 S1 discrepancy in surface elevation; groundwater elevations will be validated following resurvey.
- R-8 S2 discrepancy in surface elevation; groundwater elevations will be validated following resurvey.
- R-9i S1 discrepancy in surface elevation; groundwater elevations will be validated following resurvey.

Groundwater-elevation data from the end of the previous PME and through the end of the PME in this report are presented in Appendix B (on DVD 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. Regional contours were generated in ArcGIS using average groundwater elevations in November 2019. Because data for the perched-intermediate aquifer below the TA-21 monitoring group is limited, no contours are shown for this aquifer. 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 2020 IFGMP (N3B 2019, 700451).

Analytical results meet the N3B minimum data quality objectives (DQOs) as outlined in N3B-PLN-SDM-1000: "Sample and Data Management Plan." N3B-PLN-SDM-1000 sets the validation frequency criteria at 100% Level 1 examination and Level 2 verification of data and at 10% minimum Level 3 validation of data. A Level 1 examination assesses the completeness of the data as delivered from the analytical laboratory, identifies any reporting errors, and checks the usability of the data based on the analytical laboratory's evaluation of the data. A Level 2 verification evaluates the data to determine the extent to which the laboratory met the analytical method and the contract-specific quality control and reporting requirements. A Level 3 validation includes Levels 1 and 2 criteria and determines the effect of potential anomalies encountered during analysis and possible effects on data quality and usability. A Level 3 validation is performed manually with method-specific data validation procedures. Laboratory analytical data are validated by N3B personnel as outlined in N3B-PLN-SDM-1000; N3B-AP-SDM-3000: "General Guidelines for Data Validation"; N3B-AP-SDM-3014: "Examination and Verification of Analytical 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, the Department of Defense/Department of Energy Consolidated Quality Systems Manual for Environmental Laboratories, the EPA National Functional Guidelines for Data Validation, and the American National Standards Institute/American Nuclear Society 41.5: Verification and Validation of Radiological Data.

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

- "WCSF-Interim Facility-Wide Groundwater Monitoring" (EP2016-0117)
- "Groundwater Sampling" (N3B-SOP-ER-3003)
- "Groundwater Sampling" (IWD-TPMC-LA-16-049)
- "Wireless Connect/Non-connected Component Plan – Standalone Wireless System Name: Groundwater Monitoring Well Data Acquisition System" (N3B-SD-016-CP-032/L2)
- "Desktop Instructions for Locus Mobile Application for Groundwater and Storm Water Data Collection" (N3B-DI-SDM-2201)
- "Manual Groundwater Level Measurements" (N3B-SOP-ER-3001)
- "Groundwater Level Data Processing, Review, and Validation" (N3B-SOP-ER-3004)
- "General Guidelines for Analytical Data Validation" (N3B-AP-SDM-3000)
- "Examination and Verification of Analytical Data" (N3B-AP-SDM-3014)
- "Validation of Volatile Organic Compound Analytical Data" (N3B-ER-AP-20309)
- "Validation of Semivolatile Organic Compound Analytical Data" (N3B-ER-AP-20310)
- "Validation of LC-MS/MS High Explosive Analytical Data" (N3B-ER-AP-20316)
- "Validation of Organochlorine Pesticide and Polychlorinated Biphenyl Analytical Data" (N3B-ER-AP-20311)

- "Validation of Metals and Cyanide Analytical Data" (N3B-ER-AP-20313)
- "Validation of Gamma Spectroscopy, Chemical Separation Alpha Spectrometry, Gas Proportional Counting, and Liquid Scintillation Analytical Data" (N3B-AP-SDM-3006)
- "Validation of General Chemistry Analytical Data" (N3B-ER-AP-20315)
- "Validation of Dioxin and Furan Analytical Data" (N3B-ER-AP-20317)
- "Validation of LC-MS/MS Perchlorate Analytical Data" (N3B-ER-AP-20320)

Sample and analysis plans (SAPs) are created using 2020 IFGMP Tables 1.7-2, 1.8-1, 1.9-1, 1.11-1, and 2.4-1 through 8.3-1 (N3B 2019, 700451). SAPs include additional field collection, transportation, and field QA/QC criteria as identified in the N3B and project DQOs and in the Consent Order. A sample collection log is created from the SAP and is used to maintain a chain-of-custody (COC) document and an analytical request form.

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

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

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

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

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

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

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

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

N3B data validation is performed externally from the analytical laboratory and end-users of the data. This data validation process applies a defined set of performance-based criteria to analytical data that may result in qualification of that data. Data validation provides a level of assurance, based on this technical evaluation, of the data quality.

Laboratory analytical data is validated by N3B personnel as outlined in N3B-PLN-SDM-1000, N3B-AP-SDM-3000, N3B-AP-SDM-3014, and additional method-specific analytical data validation guidelines. N3B validation of chemistry data includes a technical review of the analytical data package, covering the evaluation of both field and laboratory QC samples, the identification and quantitation of analytes, and the effect of QA/QC deficiencies on analytical data, as well as other factors affecting the data quality.

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

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

5.2 Analytical Data

Appendix C presents the analytical results for the PME reported in this PMR and from the previous four sampling events if available. Section C-1 of the appendix contains all data for this reporting period. Section C-2 contains all detects from this reporting period plus the results from the four previous sampling events of the respective analyte. The data were reviewed for conformance with regulatory and N3B requirements and are reported as follows:

- For all data
    - FD results, reanalysis results, and results of the same analytes from the same sample analyzed by different analytical methods are reported.

- ❖ Data that are R-qualified (rejected and thus unusable because of analytical problems and/or nonconformance with QA/QC criteria during independent validation) are still reported.
- ❖ Laboratory QA/QC results, FTB data, FB data, and PEB data are not included in the data set.
- ❖ Tracers used for conceptual models are not reported.
- ❖ Data for certain target analytes from watch-list wells that are not representative or are of questionable representativeness are not reported.
- ❖ All other results are reported for all locations.

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

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

The analytical results for radionuclides and radioactivity are voluntarily compared with the Derived Concentration Technical Standard (DOE 2011, 600493) for groundwater but are not reported in Table 5.2-1 or Appendix D.

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

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

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 expanded data set, which includes this PME in addition to data for the four previous monitoring group PMEs. Appendix E may include instances where the analyte data are evaluated using a higher screening value than that used to evaluate previously reported analyte data. For example, the current screening value of 13.8 µg/L for perchlorate is greater than the former screening value of 4 µg/L, which was used to evaluate previously reported analyte data. If there are exceedances of the current screening value by the data reported in this PMR, the graphs depict the current analyte screening value. If there are no exceedances of current values but at least one exceedance of the former (lower) screening value by the previously reported analytical data, the graphs depict the former lower screening value. Magenta lines indicate the PMR reporting period. Results with a best-value flag of N are not included in Appendix E.

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

5.2.1 Groundwater

No groundwater analytical results reported in this PMR were detected at concentrations above the applicable screening values.

5.3 Sampling Program Modifications

No modifications to the currently planned periodic monitoring of the TA-21 monitoring group are proposed at this time.

6.0 SUMMARY AND INTERPRETATIONS

6.1 Monitoring Results

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

6.2 Analytical Results

Appendix C presents the analytical data associated with the sampling reported in this PMR.

6.2.1 Groundwater

No groundwater constituents analyzed during the PME associated with this PMR were detected above the applicable groundwater screening values.

6.3 Data Gaps

Table 2.1-1 summarizes the fieldwork 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. This information is also included in text citations. ERIDs were assigned by the Laboratory's Associate Directorate for Environmental Management (IDs through 599999); ESHIDs were assigned by the Laboratory's Associate Directorate for Environment, Safety, and Health (IDs 600000 through 699999); and EMIDs are assigned by N3B (IDs 700000 and above). IDs are used to locate documents in N3B's Records Management System and in the Master Reference Set. The NMED Hazardous Waste Bureau and N3B maintain copies of the Master Reference Set. The set ensures that NMED has the references to review documents. The set is updated when new references are cited in documents.

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DOE (U.S. Department of Energy), April 2011. "Derived Concentration Technical Standard," DOE Standard No. DOE-STD-1196-2011, U.S. Department of Energy, Washington, D.C. (DOE 2011, 600493)

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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)

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LANL (Los Alamos National Laboratory), August 23, 2016. "Waste Characterization Strategy Form for Groundwater Monitoring," Los Alamos National Laboratory, Los Alamos, New Mexico. (LANL 2016, 601812)

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

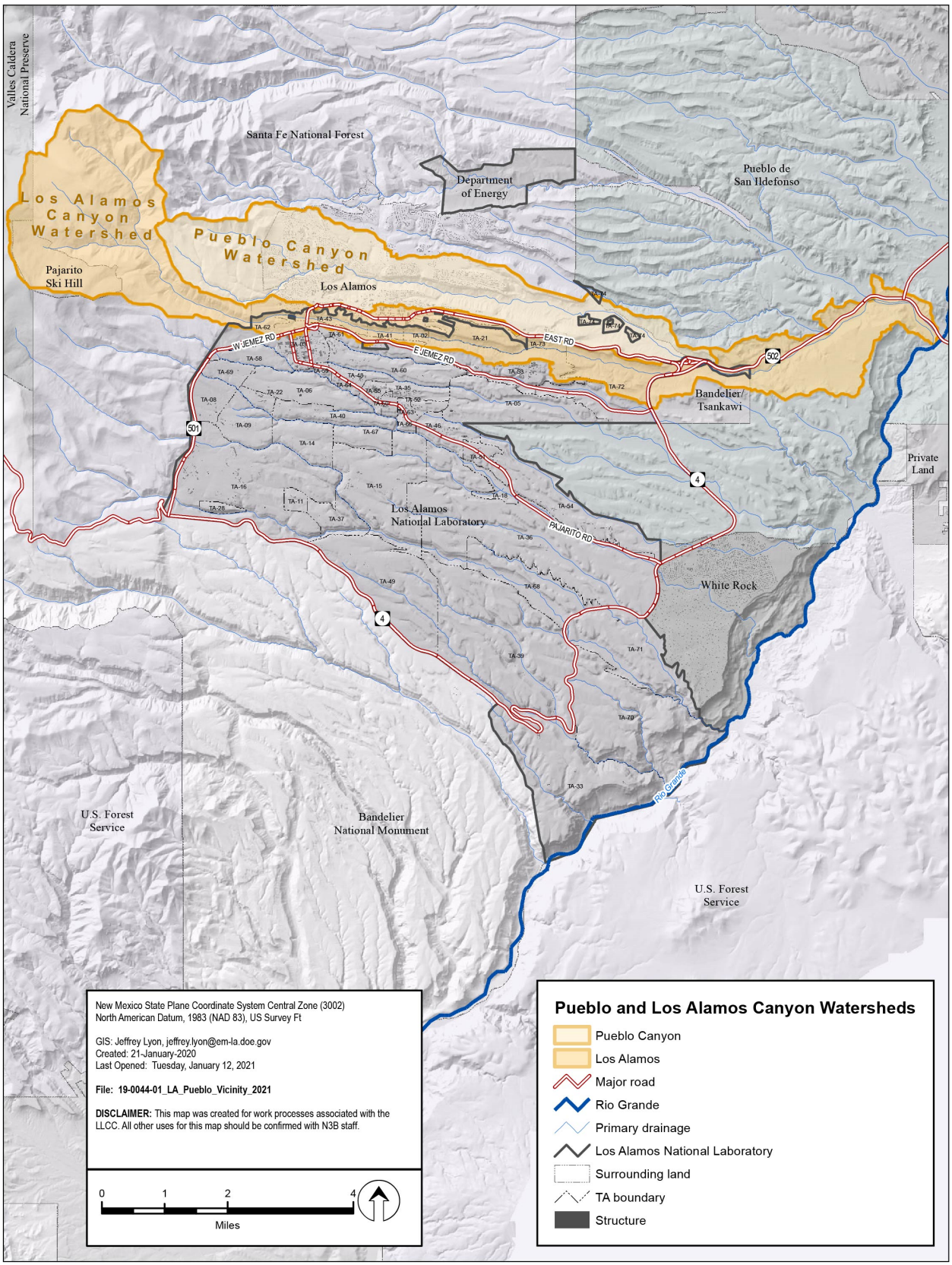

Figure 2.0-1 TA-21 vicinity map

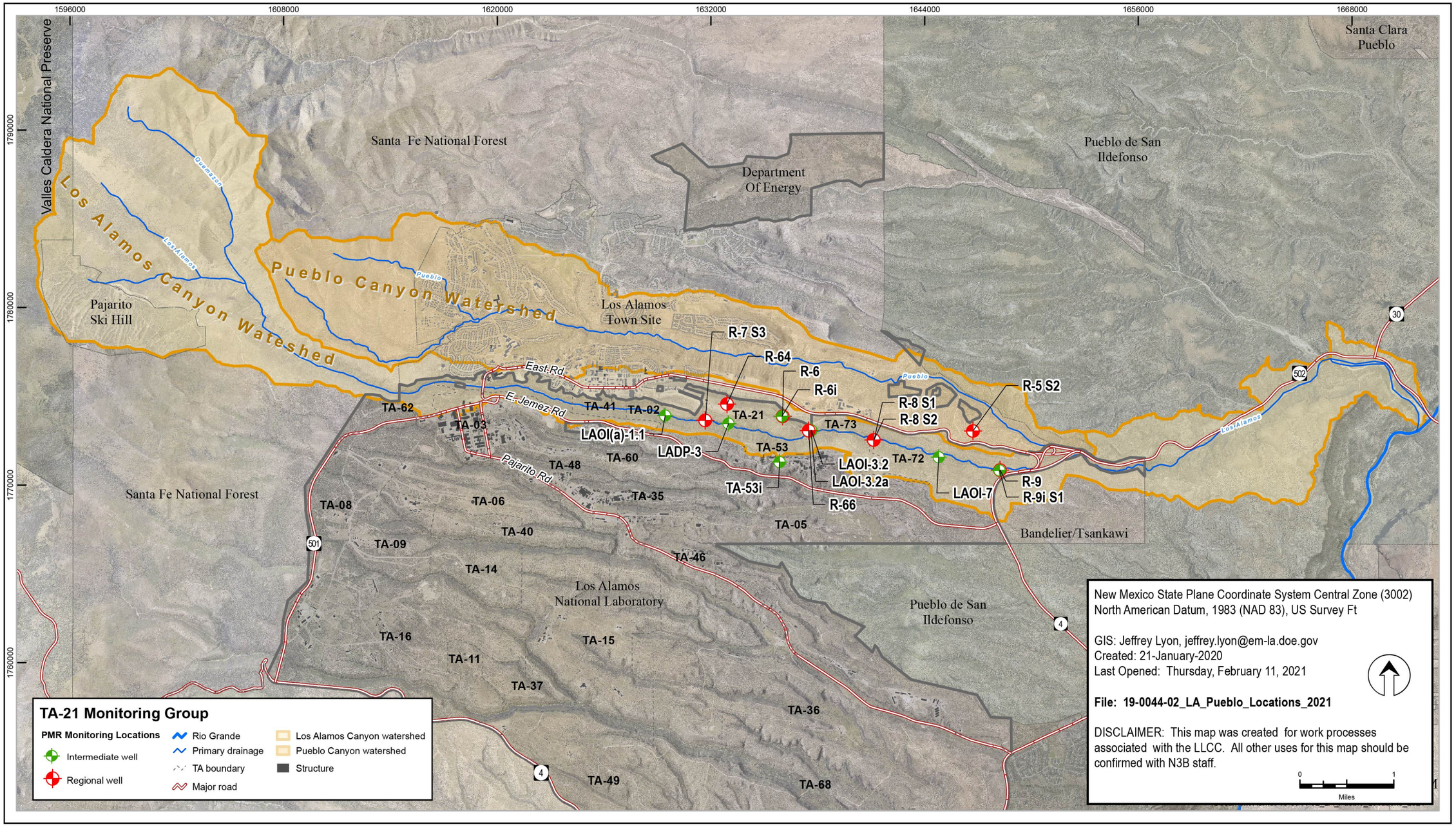

Figure 2.0-2 TA-21 monitoring group locations

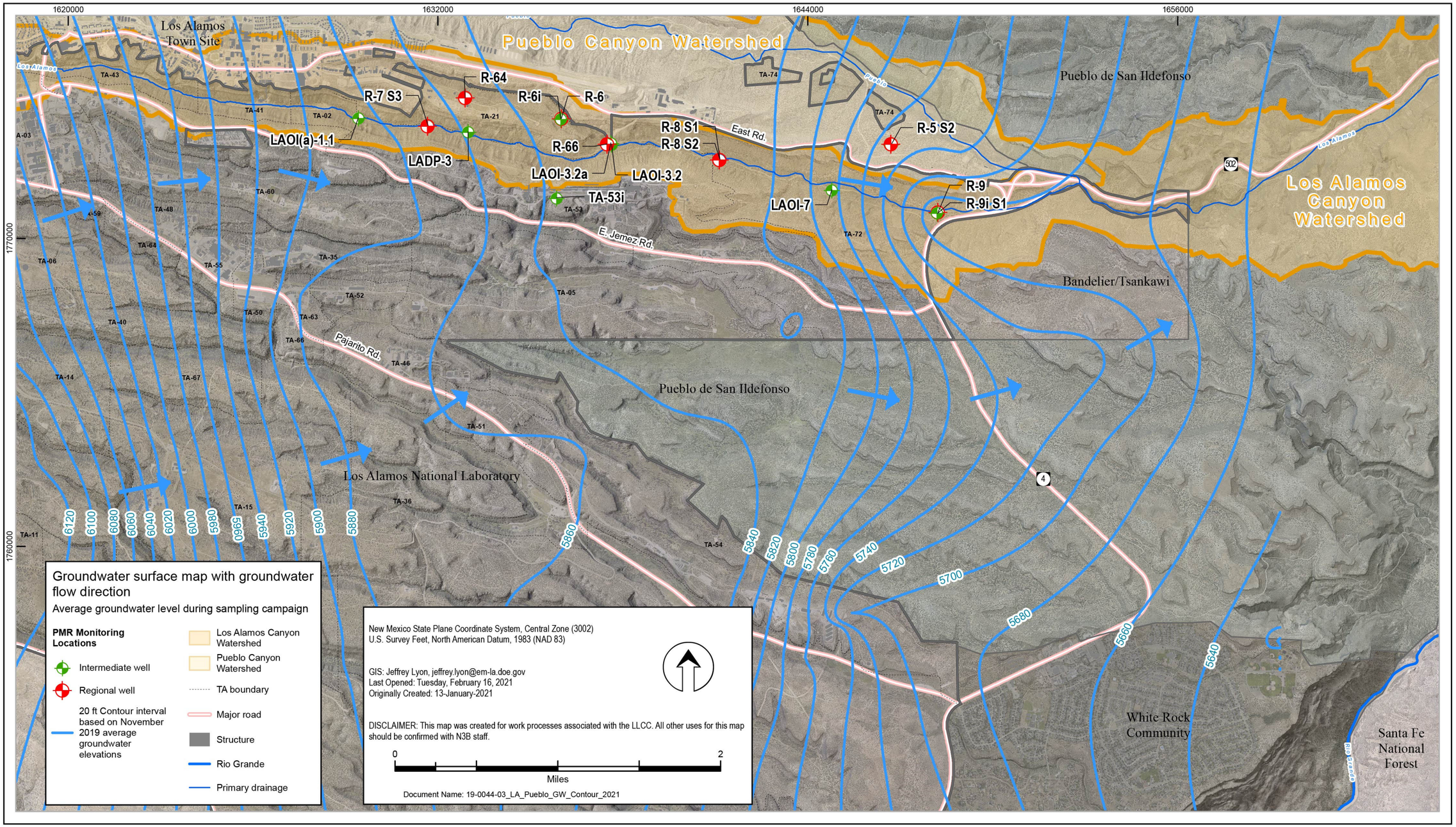

Figure 4.4-1 Regional aquifer water table map with flow direction

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

Location Name	Watershed	Sampling Event		Sample Collection Date	Sample Collection Time	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											
R-5 S2	Pueblo	2020	1	Canceled: (reconfiguration incomplete)	n/a[c]	16	372.8	388.8	n/a	n/a	n/a
R-7 S3	Los Alamos	2020	1	Canceled: (reconfiguration incomplete)	n/a	41.9	895.5	937.4	n/a	n/a	n/a
R-8 S1				Canceled: (reconfiguration incomplete)	n/a	50.4	705.3	755.7	n/a	n/a	n/a
R-8 S2				Canceled: (reconfiguration incomplete)	n/a	6.7	821.3	828	n/a	n/a	n/a
R-9i S1				Canceled: (reconfiguration incomplete)	n/a	10.4	189.1	199.5	n/a	n/a	n/a
R-5 S2	Pueblo	2020	2	Canceled: (reconfiguration incomplete)	n/a	16	372.8	388.8	n/a	n/a	n/a
R-7 S3	Los Alamos	2020	2	Canceled: (reconfiguration incomplete)	n/a	41.9	895.5	937.4	n/a	n/a	n/a
R-8 S1				Canceled: (reconfiguration incomplete)	n/a	50.4	705.3	755.7	n/a	n/a	n/a
R-8 S2				Canceled: (reconfiguration incomplete)	n/a	6.7	821.3	828	n/a	n/a	n/a

Table 2.0-1 (continued)

Location Name	Watershed	Sampling Event		Sample Collection Date	Sample Collection Time	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								
R-9i S1	Los Alamos	2020	2	Canceled: (reconfiguration incomplete)	n/a	10.4	189.1	199.5	n/a	n/a	n/a
R-5 S2	Pueblo	2020	3	Canceled: (reconfiguration incomplete)	n/a	16	372.8	388.8	n/a	n/a	n/a
R-7 S3	Los Alamos	2020	3	Canceled: (reconfiguration incomplete)	n/a	41.9	895.5	937.4	n/a	n/a	n/a
R-8 S1				Canceled: (reconfiguration incomplete)	n/a	50.4	705.3	755.7	n/a	n/a	n/a
R-8 S2				Canceled: (reconfiguration incomplete)	n/a	6.7	821.3	828	n/a	n/a	n/a
R-9i S1				Canceled: (reconfiguration incomplete)	n/a	10.4	189.1	199.5	n/a	n/a	n/a
TA-53i	Sandia	2020	4	09/11/20	09:45	10	600	610	20.81	65.1	4.34
R-5 S2	Pueblo	2020	4	Canceled: 09/11/20 (reconfiguration incomplete)	n/a	16	372.8	388.8	n/a	n/a	n/a
LADP-3[d]	Los Alamos	2020	4	Canceled: 09/01/20	n/a	8.74	317.56	326.3	n/a	n/a	n/a
LAOI(a)-1.1[e]				09/01/20	10:41	9.8	295.2	305	4.73	14.7	0.7
LAOI-3.2				09/02/20	12:51	9.5	153.3	162.8	7.47	22.75	0.13
LAOI-3.2a				09/02/20	14:32	9.6	181.4	191	5.11	17.04	0.71
LAOI-7				08/26/20	09:29	19.6	240	259.6	13.73	43.74	1.62
R-6i				08/25/20	11:06	10	602	612	17.1	76.14	4.23

Table 2.0-1 (continued)

Location Name	Watershed	Sampling Event		Sample Collection Date	Sample Collection Time	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								
Regional											
R-6	Los Alamos	2020	4	08/25/20	10:03	23	1205	1228	72.44	244.3	6.98
R-7 S3				Canceled: 08/20/20 (mechanical)	n/a	41.9	895.5	937.4	n/a	n/a	n/a
R-8 S1				Canceled: 08/20/20 (mechanical)	n/a	50.4	705.3	755.7	n/a	n/a	n/a
R-8 S2				Canceled: 08/20/20 (mechanical)	n/a	6.7	821.3	828	n/a	n/a	n/a
R-9				08/26/20	10:48	65.5	683	748.5	53.27	165.69	7.89
R-9i S1				Canceled: 08/20/20 (mechanical)	n/a	10.4	189.1	199.5	n/a	n/a	n/a
R-64				08/28/20	09:27	20.5	1285	1305.5	44.16	149.94	7.14
R-66				08/28/20	09:57	20.3	819.4	839.7	54.56	175	5

[a] bgs = Below ground surface.

[b] gpm = Gallons per minute.

[c] n/a = Not applicable.

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

[e] Purged at lowest rate possible (<1 gpm) to minimize drawdown.

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

Monitoring Location	Watershed	Sampling Event		Observation/Deviation	Cause	Comment
		Monitoring Year	Quarter			
R-5 S2	Pueblo	2020	1	No field or analytical data available for this location.	Canceled because well was not installed when sampling was scheduled.	None
R-7 S3	Los Alamos	2020	1	No field or analytical data available for this location.	Canceled because well was not installed when sampling was scheduled.	None
R-8 S1	Los Alamos	2020	1	No field or analytical data available for this location.	Canceled because well was not installed when sampling was scheduled.	None
R-8 S2	Los Alamos	2020	1	No field or analytical data available for this location.	Canceled because well was not installed when sampling was scheduled.	None
R-9i S1	Los Alamos	2020	1	No field or analytical data available for this location.	Canceled because well was not installed when sampling was scheduled.	None
R-5 S2	Pueblo	2020	2	No field or analytical data available for this location.	Canceled because well was not installed when sampling was scheduled.	None
R-7 S3	Los Alamos	2020	2	No field or analytical data available for this location.	Canceled because well was not installed when sampling was scheduled.	None
R-8 S1	Los Alamos	2020	2	No field or analytical data available for this location.	Canceled because well was not installed when sampling was scheduled.	None
R-8 S2	Los Alamos	2020	2	No field or analytical data available for this location.	Canceled because well was not installed when sampling was scheduled.	None
R-9i S1	Los Alamos	2020	2	No field or analytical data available for this location.	Canceled because well was not installed when sampling was scheduled.	None
R-5 S2	Pueblo	2020	3	No field or analytical data available for this location.	Canceled because well was not installed when sampling was scheduled.	None
R-7 S3	Los Alamos	2020	3	No field or analytical data available for this location.	Canceled because well was not installed when sampling was scheduled.	None
R-8 S1	Los Alamos	2020	3	No field or analytical data available for this location.	Canceled because well was not installed when sampling was scheduled.	None
R-8 S2	Los Alamos	2020	3	No field or analytical data available for this location.	Canceled because well was not installed when sampling was scheduled.	None
R-9i S1	Los Alamos	2020	3	No field or analytical data available for this location.	Canceled because well was not installed when sampling was scheduled.	None

Table 2.1-1 (continued)

Monitoring Location	Watershed	Sampling Event		Observation/Deviation	Cause	Comment
		Monitoring Year	Quarter			
LADP-3	Los Alamos	2020	4	No field or analytical data available for this location.	Canceled because the location was dry.	Dry
LAOI(a)-1.1	Los Alamos	2020	4	3.11 CVs[a] purged.	None	None
LAOI-3.2	Los Alamos	2020	4	3.05 CVs purged.	None	None
LAOI-3.2a	Los Alamos	2020	4	3.33 CVs purged.	None	None
LAOI-7	Los Alamos	2020	4	3.19 CVs purged.	None	None
R-6i	Los Alamos	2020	4	4.45 CVs purged.	An extra 1.45 CVs purged to record minimum required parameters.	None
TA-53i	Sandia	2020	4	3.13 CVs purged.	None	None
R-9i S1	Los Alamos	2020	4	No field or analytical data available for this location.	Canceled because well was not installed when sampling was scheduled.	None
R-5 S2	Pueblo	2020	4	No field or analytical data available for this location.	Canceled because well was not installed when sampling was scheduled.	None
R-6	Los Alamos	2020	4	3.37 CVs purged.	None	None
R-7 S3	Los Alamos	2020	4	No field or analytical data available for this location.	Canceled because well was not installed when sampling was scheduled.	None
R-8 S1	Los Alamos	2020	4	No field or analytical data available for this location.	Canceled because well was not installed when sampling was scheduled.	None
R-8 S2	Los Alamos	2020	4	No field or analytical data available for this location.	Canceled because well was not installed when sampling was scheduled.	None
R-64	Los Alamos	2020	4	3.40 CVs purged.	None	None
R-66	Los Alamos	2020	4	3.21 CVs purged.	None	None
R-9	Los Alamos	2020	4	3.11 CVs purged.	None	None

Table 2.1-1 (continued)

Monitoring Location	Watershed	Sampling Event		Observation/Deviation	Cause	Comment
		Monitoring Year	Quarter			
All sites where SVOCs are analyzed	Los Alamos	2019	4	The 2019 IFGMP Table B-4.1-1 (N3B 2019, 700451) specifies a requirement to analyze methylphenol[4-], CAS[b] 106-44-5 as part of the SVOC analytical suite by the analytical method SW-846:8270D. Instead, methylphenol[3-,4-] CAS 65794-96-9 is analyzed as part of the SVOC analytical suite by the analytical method SW-846:8270D.	Methylphenol[3-], m-cresol, CAS 108-39-4, and methylphenol[4-], p-cresol CAS 106-44-5, are not independently quantified by SW-846:8270D. The two compounds co-elute and methylphenol[3-,4-], m,p-cresols CAS 65794-96-9 is analyzed by SW-846:8270D. The result for each analyte is a combined concentration. GELC's[c] catalog of services includes m,p-cresols and does not include m-cresol or p-cresol. GELC's certificate of analysis identifies m,p-cresols CAS 65794-96-9.	None
All sites where SVOCs are analyzed	Los Alamos	2019	4	The 2019 IFGMP Table B-4.1-1 (N3B 2019, 700451) specifies a requirement to analyze azobenzene, CAS 103-33-3 as part of the SVOC analytical suite by the analytical method SW-846:8270D. Instead, diphenylhydrazine[1,2-], CAS 122-66-7 is analyzed as part of the SVOC analytical suite by the analytical method SW846:8270D.	Diphenylhydrazine[1,2-] CAS 122-66-7 decomposes and cannot be separated from azobenzene CAS 103-33-3 using the analytical method SW846:8270D.	None
All sites where SVOCs are analyzed	Los Alamos	2019	4	The 2019 IFGMP Table B-4.1-1 (N3B 2019, 700451) specifies a requirement to analyze both nitrosodiphenylamine[N-] CAS 86-30-6 and diphenylamine CAS 122-39-4 as part of the SVOC analytical suite by the analytical method SW-846:8270. Instead diphenylamine CAS 122-39-4 is analyzed as part of the SVOC analytical suite by the analytical method SW-846:8270	Nitrosodiphenylamine[N-] CAS 86-30-6 decomposes and cannot be separated from diphenylamine CAS 122-39-4 using the analytical method 8270D.The result for each analyte is a combined and reported as diphenylamine CAS 122-39-4.	None

[a] CV = Casing volume.

[b] CAS = Chemical Abstracts Service.

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

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

Standard Type	Standard Source	Description	Groundwater
New Mexico			
Standard	20 6.2.3103 NMAC (NMWQCC groundwater standard)	Groundwater human health standards, other standards for domestic water supply and standards for irrigation use	X[a]
Screening Level	NMED	Tap water screening levels[b]	X
EPA			
Standard	40 Code of Federal Regulations 141	EPA MCLs[c]	X
Risk-Human	EPA regional screening levels	EPA regional screening levels for tap water[d]	X
DOE			
Standard	DOE Order 458.1	DOE[e] 100-mrem public dose derived concentration technical standards	X
Standard	DOE Order 458.1	DOE 4-mrem drinking water derived concentration technical standards	X

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

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

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

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

[e] DOE = 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						
Benzidine	3.82–4.46	SW-846:8270D	0.00109	µg/L	NMED A1 TAP SCRN LVL[a]	GELC[b]
Benzo(a)anthracene	0.294–0.343	SW-846:8270D	0.12	µg/L	NMED A1 TAP SCRN LVL	GELC
Benzo(a)pyrene	0.294–0.343	SW-846:8270D	0.2	µg/L	NM GW STD[c]	GELC
Bis(2-chloroethyl)ether	2.94–3.43	SW-846:8270D	0.137	µg/L	NMED A1 TAP SCRN LVL	GELC
Dibenz(a,h)anthracene	0.294–0.343	SW-846:8270D	0.0343	µg/L	NMED A1 TAP SCRN LVL	GELC
Dichlorobenzidine[3,3'-]	2.94–3.43	SW-846:8270D	1.25	µg/L	NMED A1 TAP SCRN LVL	GELC
Dinitro-2-methylphenol[4,6-]	2.94–3.43	SW-846:8270D	1.52	µg/L	NMED A1 TAP SCRN LVL	GELC
Dinitrotoluene[2,4-]	2.94–3.43	SW-846:8270D	2.37	µg/L	NMED A1 TAP SCRN LVL	GELC
Dinitrotoluene[2,6-]	2.94–3.43	SW-846:8270D	0.485	µg/L	NMED A1 TAP SCRN LVL	GELC
Diphenylhydrazine[1,2-]	2.94–3.43	SW-846:8270D	0.78	µg/L	NMED A1 TAP SCRN LVL	GELC
Hexachlorobenzene	2.94–3.43	SW-846:8270D	1	µg/L	EPA MCL[d]	GELC
Hexachlorobutadiene	2.94–3.43	SW-846:8270D	1.39	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrobenzene	2.94–3.43	SW-846:8270D	1.4	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrosodiethylamine[N-]	2.94–3.43	SW-846:8270D	0.00167	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrosodimethylamine[N-]	1.5–3.45	SW-846:8270D	0.00491	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitroso-di-n-butylamine[N-]	1.5–3.45	SW-846:8270D	0.0273	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitroso-di-n-propylamine[N-]	1.53–3.43	SW-846:8270D	0.11	µg/L	EPA TAP SCRN LVL[e]	GELC
Nitrosopyrrolidine[N-]	2.94–3.43	SW-846:8270D	0.37	µg/L	NMED A1 TAP SCRN LVL	GELC
Pentachlorophenol	2.94–3.43	SW-846:8270D	1	µg/L	NM GW STD	GELC
Tetrachlorobenzene[1,2,4,5]	2.94–3.43	SW-846:8270D	1.66	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrosodimethylamine[N-]	0.07–.0761	SW-846:8270DGCMS_SIM	0.00491	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitroso-di-n-butylamine[N-]	0.03–0.0326	SW-846:8270DGCMS_SIM	0.0273	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitrosodimethylamine[N-]	3.3	SW-846:8270C	0.00491	µg/L	NMED A1 TAP SCRN LVL	GELC
Nitroso-di-n-butylamine[N-]	3.3	SW-846:8270C	0.0273	µg/L	NMED A1 TAP SCRN LVL	GELC

Table 4.2-1 (continued)

Analyte Name	MDL	Analytical Method	Screening Value	Unit	Screening-Value Type	Lab ID
VOCs						
Acrolein	1.5	SW-846:8260B	0.0415	µg/L	NMED A1 TAP SCRN LVL	GELC
Acrylonitrile	1.5	SW-846:8260B	0.523	µg/L	NMED A1 TAP SCRN LVL	GELC
Chloro-1,3-butadiene[2-]	0.3	SW-846:8260B	0.187	µg/L	NMED A1 TAP SCRN LVL	GELC
Dibromo-3-Chloropropane[1,2-]	0.5	SW-846:8260B	0.2	µg/L	EPA MCL	GELC
Dibromoethane[1,2-]	0.3	SW-846:8260B	0.05	µg/L	NM GW STD	GELC
Dibromomethane	0.3	SW-846:8260B	0.0747	µg/L	NMED A1 TAP SCRN LVL	GELC
Trichloropropane[1,2,3-]	0.3	SW-846:8260B	0.00835	µg/L	NMED A1 TAP SCRN LVL	GELC

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

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

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

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

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

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

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	2.94–3.43	SW-846:8270D	3	µg/L	NM GW STD[a]	GELC[b]
Chloroaniline[4-]	3.24–3.77	SW-846:8270D	3.7	µg/L	EPA TAP SCRN LVL[c]	GELC
Hexachloroethane	2.94–3.43	SW-846:8270D	3.28	µg/L	NMED A1 TAP SCRN LVL[d]	GELC
Pentachlorobenzene	2.94–3.43	SW-846:8270D	3.07	µg/L	NMED A1 TAP SCRN LVL	GELC

Notes: This table is applicable to samples reported in this PMR and includes historical data statistics 10 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] EPA TAP SCRN LVL = EPA regional screening levels for tap water (http://www.epa.gov/risk/risk-based-screening-table-generic-tables).

[d] 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
n/a*	n/a	There are no results detected above screening values for data reported in this PMR.	n/a	n/a	n/a	n/a	n/a

*n/a = Not applicable.

Appendix A

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

Field Measurement Record #	Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
193868	LAOI(a)-1.1	295.2	08/25/2016	WG[a]	Dissolved Oxygen	8.87	mg/L	CALA-16-124847
208847	LAOI(a)-1.1	295.2	09/21/2017	WG	Dissolved Oxygen	9.05	mg/L	CALA-17-143813
247253	LAOI(a)-1.1	295.2	09/06/2018	WG	Dissolved Oxygen	9.00	mg/L	CALA-18-160738
292721	LAOI(a)-1.1	295.2	09/10/2019	WG	Dissolved Oxygen	8.85	mg/L	CALA-19-185289
335168	LAOI(a)-1.1	295.2	09/01/2020	WG	Dissolved Oxygen	8.38	mg/L	CALA-20-199157
193869	LAOI(a)-1.1	295.2	08/25/2016	WG	Flow (in gpm[b])	0.88	gpm	CALA-16-124847
208848	LAOI(a)-1.1	295.2	09/21/2017	WG	Flow (in gpm)	0.84	gpm	CALA-17-143813
247252	LAOI(a)-1.1	295.2	09/06/2018	WG	Flow (in gpm)	0.92	gpm	CALA-18-160738
—[c]	LAOI(a)-1.1	295.2	09/10/2019	WG	Flow (in gpm)	0.69	gpm	CALA-19-185289
335167	LAOI(a)-1.1	295.2	09/01/2020	WG	Flow (in gpm)	0.70	gpm	CALA-20-199157
193870	LAOI(a)-1.1	295.2	08/25/2016	WG	Oxidation-Reduction Potential	216.7	mV	CALA-16-124847
208849	LAOI(a)-1.1	295.2	09/21/2017	WG	Oxidation-Reduction Potential	264.8	mV	CALA-17-143813
247207	LAOI(a)-1.1	295.2	09/06/2018	WG	Oxidation-Reduction Potential	334.7	mV	CALA-18-160738
292722	LAOI(a)-1.1	295.2	09/10/2019	WG	Oxidation-Reduction Potential	312.0	mV	CALA-19-185289
335170	LAOI(a)-1.1	295.2	09/01/2020	WG	Oxidation-Reduction Potential	187.5	mV	CALA-20-199157
193871	LAOI(a)-1.1	295.2	08/25/2016	WG	pH	6.92	SU[d]	CALA-16-124847
208853	LAOI(a)-1.1	295.2	09/21/2017	WG	pH	6.76	SU	CALA-17-143813
247209	LAOI(a)-1.1	295.2	09/06/2018	WG	pH	6.74	SU	CALA-18-160738
292726	LAOI(a)-1.1	295.2	09/10/2019	WG	pH	6.58	SU	CALA-19-185289
335148	LAOI(a)-1.1	295.2	09/01/2020	WG	pH	6.34	SU	CALA-20-199157
193872	LAOI(a)-1.1	295.2	08/25/2016	WG	Specific Conductance	105.0	µS/cm	CALA-16-124847
208850	LAOI(a)-1.1	295.2	09/21/2017	WG	Specific Conductance	104.1	µS/cm	CALA-17-143813
247254	LAOI(a)-1.1	295.2	09/06/2018	WG	Specific Conductance	104.9	µS/cm	CALA-18-160738
292723	LAOI(a)-1.1	295.2	09/10/2019	WG	Specific Conductance	99.1	µS/cm	CALA-19-185289
335150	LAOI(a)-1.1	295.2	09/01/2020	WG	Specific Conductance	106.2	µS/cm	CALA-20-199157
193873	LAOI(a)-1.1	295.2	08/25/2016	WG	Temperature	10.1	deg C	CALA-16-124847
208851	LAOI(a)-1.1	295.2	09/21/2017	WG	Temperature	10.7	deg C	CALA-17-143813

Field Measurement Record #	Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
247255	LAOI(a)-1.1	295.2	09/06/2018	WG	Temperature	10.3	deg C	CALA-18-160738
292724	LAOI(a)-1.1	295.2	09/10/2019	WG	Temperature	10.1	deg C	CALA-19-185289
335151	LAOI(a)-1.1	295.2	09/01/2020	WG	Temperature	10.7	deg C	CALA-20-199157
193874	LAOI(a)-1.1	295.2	08/25/2016	WG	Turbidity	34.3	NTU[e]	CALA-16-124847
208852	LAOI(a)-1.1	295.2	09/21/2017	WG	Turbidity	35.5	NTU	CALA-17-143813
247257	LAOI(a)-1.1	295.2	09/06/2018	WG	Turbidity	44.2	NTU	CALA-18-160738
292725	LAOI(a)-1.1	295.2	09/10/2019	WG	Turbidity	40.1	NTU	CALA-19-185289
335172	LAOI(a)-1.1	295.2	09/01/2020	WG	Turbidity	10.5	NTU	CALA-20-199157
193854	LAOI-3.2	153.3	08/24/2016	WG	Dissolved Oxygen	11.33	mg/L	CALA-16-124848
208568	LAOI-3.2	153.3	09/20/2017	WG	Dissolved Oxygen	9.46	mg/L	CALA-17-143814
247124	LAOI-3.2	153.3	09/05/2018	WG	Dissolved Oxygen	8.91	mg/L	CALA-18-160742
291935	LAOI-3.2	153.3	09/05/2019	WG	Dissolved Oxygen	9.38	mg/L	CALA-19-185291
335287	LAOI-3.2	153.3	09/02/2020	WG	Dissolved Oxygen	9.52	mg/L	CALA-20-199160
193854	LAOI-3.2	153.3	08/24/2016	WG	Flow (in gpm)	0.90	gpm	CALA-16-124848
208569	LAOI-3.2	153.3	09/20/2017	WG	Flow (in gpm)	0.13	gpm	CALA-17-143814
247123	LAOI-3.2	153.3	09/05/2018	WG	Flow (in gpm)	0.11	gpm	CALA-18-160742
291878	LAOI-3.2	153.3	09/05/2019	WG	Flow (in gpm)	0.12	gpm	CALA-19-185291
335286	LAOI-3.2	153.3	09/02/2020	WG	Flow (in gpm)	0.13	gpm	CALA-20-199160
193856	LAOI-3.2	153.3	08/24/2016	WG	Oxidation-Reduction Potential	288.8	mV	CALA-16-124848
208570	LAOI-3.2	153.3	09/20/2017	WG	Oxidation-Reduction Potential	387.1	mV	CALA-17-143814
247126	LAOI-3.2	153.3	09/05/2018	WG	Oxidation-Reduction Potential	393.4	mV	CALA-18-160742
291937	LAOI-3.2	153.3	09/05/2019	WG	Oxidation-Reduction Potential	390.2	mV	CALA-19-185291
335227	LAOI-3.2	153.3	09/02/2020	WG	Oxidation-Reduction Potential	284.4	mV	CALA-20-199160
193857	LAOI-3.2	153.3	08/24/2016	WG	pH	6.57	SU	CALA-16-124848
208574	LAOI-3.2	153.3	09/20/2017	WG	pH	6.42	SU	CALA-17-143814
247128	LAOI-3.2	153.3	09/05/2018	WG	pH	6.42	SU	CALA-18-160742
291939	LAOI-3.2	153.3	09/05/2019	WG	pH	6.38	SU	CALA-19-185291

Field Measurement Record #	Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
335229	LAOI-3.2	153.3	09/02/2020	WG	pH	6.35	SU	CALA-20-199160
193858	LAOI-3.2	153.3	08/24/2016	WG	Specific Conductance	281.0	µS/cm	CALA-16-124848
208571	LAOI-3.2	153.3	09/20/2017	WG	Specific Conductance	293.9	µS/cm	CALA-17-143814
246964	LAOI-3.2	153.3	09/05/2018	WG	Specific Conductance	303.4	µS/cm	CALA-18-160742
291880	LAOI-3.2	153.3	09/05/2019	WG	Specific Conductance	309.0	µS/cm	CALA-19-185291
335246	LAOI-3.2	153.3	09/02/2020	WG	Specific Conductance	318.8	µS/cm	CALA-20-199160
193859	LAOI-3.2	153.3	08/24/2016	WG	Temperature	12.2	deg C	CALA-16-124848
208572	LAOI-3.2	153.3	09/20/2017	WG	Temperature	12.1	deg C	CALA-17-143814
246965	LAOI-3.2	153.3	09/05/2018	WG	Temperature	16.2	deg C	CALA-18-160742
291881	LAOI-3.2	153.3	09/05/2019	WG	Temperature	12.7	deg C	CALA-19-185291
335247	LAOI-3.2	153.3	09/02/2020	WG	Temperature	12.2	deg C	CALA-20-199160
193860	LAOI-3.2	153.3	08/24/2016	WG	Turbidity	18.7	NTU	CALA-16-124848
208573	LAOI-3.2	153.3	09/20/2017	WG	Turbidity	0.6	NTU	CALA-17-143814
246967	LAOI-3.2	153.3	09/05/2018	WG	Turbidity	0.4	NTU	CALA-18-160742
291883	LAOI-3.2	153.3	09/05/2019	WG	Turbidity	0.3	NTU	CALA-19-185291
335249	LAOI-3.2	153.3	09/02/2020	WG	Turbidity	0.6	NTU	CALA-20-199160
193900	LAOI-3.2a	181.4	08/30/2016	WG	Dissolved Oxygen	8.82	mg/L	CALA-16-124849
208854	LAOI-3.2a	181.4	09/21/2017	WG	Dissolved Oxygen	8.72	mg/L	CALA-17-143815
247166	LAOI-3.2a	181.4	09/06/2018	WG	Dissolved Oxygen	8.94	mg/L	CALA-18-160749
292199	LAOI-3.2a	181.4	09/11/2019	WG	Dissolved Oxygen	8.62	mg/L	CALA-19-185293
335293	LAOI-3.2a	181.4	09/02/2020	WG	Dissolved Oxygen	8.49	mg/L	CALA-20-199164
193901	LAOI-3.2a	181.4	08/30/2016	WG	Flow (in gpm)	0.59	gpm	CALA-16-124849
208855	LAOI-3.2a	181.4	09/21/2017	WG	Flow (in gpm)	0.78	gpm	CALA-17-143815
247165	LAOI-3.2a	181.4	09/06/2018	WG	Flow (in gpm)	0.95	gpm	CALA-18-160749
292198	LAOI-3.2a	181.4	09/11/2019	WG	Flow (in gpm)	0.66	gpm	CALA-19-185293
335358	LAOI-3.2a	181.4	09/02/2020	WG	Flow (in gpm)	0.71	gpm	CALA-20-199164
193902	LAOI-3.2a	181.4	08/30/2016	WG	Oxidation-Reduction Potential	202.5	mV	CALA-16-124849

Field Measurement Record #	Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
208856	LAOI-3.2a	181.4	09/21/2017	WG	Oxidation-Reduction Potential	270.1	mV	CALA-17-143815
247168	LAOI-3.2a	181.4	09/06/2018	WG	Oxidation-Reduction Potential	333.1	mV	CALA-18-160749
292252	LAOI-3.2a	181.4	09/11/2019	WG	Oxidation-Reduction Potential	243.8	mV	CALA-19-185293
335295	LAOI-3.2a	181.4	09/02/2020	WG	Oxidation-Reduction Potential	213.1	mV	CALA-20-199164
193903	LAOI-3.2a	181.4	08/30/2016	WG	pH	6.70	SU	CALA-16-124849
208860	LAOI-3.2a	181.4	09/21/2017	WG	pH	6.50	SU	CALA-17-143815
247138	LAOI-3.2a	181.4	09/06/2018	WG	pH	6.56	SU	CALA-18-160749
292254	LAOI-3.2a	181.4	09/11/2019	WG	pH	6.31	SU	CALA-19-185293
335297	LAOI-3.2a	181.4	09/02/2020	WG	pH	6.54	SU	CALA-20-199164
193904	LAOI-3.2a	181.4	08/30/2016	WG	Specific Conductance	272.9	µS/cm	CALA-16-124849
208857	LAOI-3.2a	181.4	09/21/2017	WG	Specific Conductance	275.6	µS/cm	CALA-17-143815
247140	LAOI-3.2a	181.4	09/06/2018	WG	Specific Conductance	279.7	µS/cm	CALA-18-160749
292256	LAOI-3.2a	181.4	09/11/2019	WG	Specific Conductance	286.1	µS/cm	CALA-19-185293
335360	LAOI-3.2a	181.4	09/02/2020	WG	Specific Conductance	297.7	µS/cm	CALA-20-199164
193905	LAOI-3.2a	181.4	08/30/2016	WG	Temperature	12.5	deg C	CALA-16-124849
208858	LAOI-3.2a	181.4	09/21/2017	WG	Temperature	12.4	deg C	CALA-17-143815
247141	LAOI-3.2a	181.4	09/06/2018	WG	Temperature	12.1	deg C	CALA-18-160749
292200	LAOI-3.2a	181.4	09/11/2019	WG	Temperature	12.2	deg C	CALA-19-185293
335361	LAOI-3.2a	181.4	09/02/2020	WG	Temperature	13.4	deg C	CALA-20-199164
193906	LAOI-3.2a	181.4	08/30/2016	WG	Turbidity	0.7	NTU	CALA-16-124849
208859	LAOI-3.2a	181.4	09/21/2017	WG	Turbidity	0.4	NTU	CALA-17-143815
247170	LAOI-3.2a	181.4	09/06/2018	WG	Turbidity	0.8	NTU	CALA-18-160749
292202	LAOI-3.2a	181.4	09/11/2019	WG	Turbidity	1.2	NTU	CALA-19-185293
335363	LAOI-3.2a	181.4	09/02/2020	WG	Turbidity	2.2	NTU	CALA-20-199164
193914	LAOI-7	240.0	08/31/2016	WG	Dissolved Oxygen	7.79	mg/L	CALA-16-124850
208861	LAOI-7	240.0	09/26/2017	WG	Dissolved Oxygen	8.03	mg/L	CALA-17-144812
248439	LAOI-7	240.0	09/17/2018	WG	Dissolved Oxygen	8.01	mg/L	CALA-18-160752

Field Measurement Record #	Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
293431	LAOI-7	240.0	09/17/2019	WG	Dissolved Oxygen	7.83	mg/L	CALA-19-185295
334675	LAOI-7	240.0	08/26/2020	WG	Dissolved Oxygen	7.81	mg/L	CALA-20-199167
193915	LAOI-7	240.0	08/31/2016	WG	Flow (in gpm)	1.20	gpm	CALA-16-124850
208862	LAOI-7	240.0	09/26/2017	WG	Flow (in gpm)	1.57	gpm	CALA-17-144812
248438	LAOI-7	240.0	09/17/2018	WG	Flow (in gpm)	1.94	gpm	CALA-18-160752
—	LAOI-7	240.0	09/17/2019	WG	Flow (in gpm)	2.00	gpm	CALA-19-185295
334674	LAOI-7	240.0	08/26/2020	WG	Flow (in gpm)	1.62	gpm	CALA-20-199167
193916	LAOI-7	240.0	08/31/2016	WG	Oxidation-Reduction Potential	34.6	mV	CALA-16-124850
208863	LAOI-7	240.0	09/26/2017	WG	Oxidation-Reduction Potential	52.8	mV	CALA-17-144812
248488	LAOI-7	240.0	09/17/2018	WG	Oxidation-Reduction Potential	257.7	mV	CALA-18-160752
293432	LAOI-7	240.0	09/17/2019	WG	Oxidation-Reduction Potential	69.8	mV	CALA-19-185295
334590	LAOI-7	240.0	08/26/2020	WG	Oxidation-Reduction Potential	65.8	mV	CALA-20-199167
193917	LAOI-7	240.0	08/31/2016	WG	pH	7.09	SU	CALA-16-124850
208867	LAOI-7	240.0	09/26/2017	WG	pH	7.01	SU	CALA-17-144812
248490	LAOI-7	240.0	09/17/2018	WG	pH	6.92	SU	CALA-18-160752
293437	LAOI-7	240.0	09/17/2019	WG	pH	6.92	SU	CALA-19-185295
334592	LAOI-7	240.0	08/26/2020	WG	pH	6.79	SU	CALA-20-199167
193918	LAOI-7	240.0	08/31/2016	WG	Specific Conductance	202.5	µS/cm	CALA-16-124850
208864	LAOI-7	240.0	09/26/2017	WG	Specific Conductance	219.1	µS/cm	CALA-17-144812
248441	LAOI-7	240.0	09/17/2018	WG	Specific Conductance	212.5	µS/cm	CALA-18-160752
293434	LAOI-7	240.0	09/17/2019	WG	Specific Conductance	213.7	µS/cm	CALA-19-185295
334594	LAOI-7	240.0	08/26/2020	WG	Specific Conductance	208.5	µS/cm	CALA-20-199167
193919	LAOI-7	240.0	08/31/2016	WG	Temperature	14.8	deg C	CALA-16-124850
208865	LAOI-7	240.0	09/26/2017	WG	Temperature	14.0	deg C	CALA-17-144812
248442	LAOI-7	240.0	09/17/2018	WG	Temperature	14.6	deg C	CALA-18-160752
293435	LAOI-7	240.0	09/17/2019	WG	Temperature	14.3	deg C	CALA-19-185295
334677	LAOI-7	240.0	08/26/2020	WG	Temperature	14.5	deg C	CALA-20-199167

Field Measurement Record #	Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
193920	LAOI-7	240.0	08/31/2016	WG	Turbidity	3.0	NTU	CALA-16-124850
208866	LAOI-7	240.0	09/26/2017	WG	Turbidity	1.4	NTU	CALA-17-144812
248492	LAOI-7	240.0	09/17/2018	WG	Turbidity	1.7	NTU	CALA-18-160752
293436	LAOI-7	240.0	09/17/2019	WG	Turbidity	0.9	NTU	CALA-19-185295
334679	LAOI-7	240.0	08/26/2020	WG	Turbidity	1.1	NTU	CALA-20-199167
193823	R-6	1205.0	08/23/2016	WG	Dissolved Oxygen	5.43	mg/L	CALA-16-124853
204656	R-6	1205.0	03/23/2017	WG	Dissolved Oxygen	5.37	mg/L	CALA-17-130495
247310	R-6	1205.0	09/07/2018	WG	Dissolved Oxygen	5.36	mg/L	CALA-18-160764
292012	R-6	1205.0	09/09/2019	WG	Dissolved Oxygen	5.43	mg/L	CALA-19-185305
334367	R-6	1205.0	08/25/2020	WG	Dissolved Oxygen	5.87	mg/L	CALA-20-199292
193824	R-6	1205.0	08/23/2016	WG	Flow (in gpm)	8.33	gpm	CALA-16-124853
204657	R-6	1205.0	03/23/2017	WG	Flow (in gpm)	8.11	gpm	CALA-17-130495
247309	R-6	1205.0	09/07/2018	WG	Flow (in gpm)	8.82	gpm	CALA-18-160764
292011	R-6	1205.0	09/09/2019	WG	Flow (in gpm)	8.11	gpm	CALA-19-185305
334366	R-6	1205.0	08/25/2020	WG	Flow (in gpm)	6.98	gpm	CALA-20-199292
193825	R-6	1205.0	08/23/2016	WG	Oxidation-Reduction Potential	61.0	mV	CALA-16-124853
204658	R-6	1205.0	03/23/2017	WG	Oxidation-Reduction Potential	121.3	mV	CALA-17-130495
247342	R-6	1205.0	09/07/2018	WG	Oxidation-Reduction Potential	256.3	mV	CALA-18-160764
291973	R-6	1205.0	09/09/2019	WG	Oxidation-Reduction Potential	199.7	mV	CALA-19-185305
334390	R-6	1205.0	08/25/2020	WG	Oxidation-Reduction Potential	125.5	mV	CALA-20-199292
193826	R-6	1205.0	08/23/2016	WG	pH	8.19	SU	CALA-16-124853
204662	R-6	1205.0	03/23/2017	WG	pH	8.20	SU	CALA-17-130495
247344	R-6	1205.0	09/07/2018	WG	pH	7.98	SU	CALA-18-160764
291975	R-6	1205.0	09/09/2019	WG	pH	7.97	SU	CALA-19-185305
334392	R-6	1205.0	08/25/2020	WG	pH	7.97	SU	CALA-20-199292
193827	R-6	1205.0	08/23/2016	WG	Specific Conductance	139.5	µS/cm	CALA-16-124853
204659	R-6	1205.0	03/23/2017	WG	Specific Conductance	139.6	µS/cm	CALA-17-130495

Field Measurement Record #	Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
247346	R-6	1205.0	09/07/2018	WG	Specific Conductance	138.3	µS/cm	CALA-18-160764
292075	R-6	1205.0	09/09/2019	WG	Specific Conductance	136.0	µS/cm	CALA-19-185305
334394	R-6	1205.0	08/25/2020	WG	Specific Conductance	134.9	µS/cm	CALA-20-199292
193828	R-6	1205.0	08/23/2016	WG	Temperature	22.0	deg C	CALA-16-124853
204660	R-6	1205.0	03/23/2017	WG	Temperature	22.5	deg C	CALA-17-130495
247347	R-6	1205.0	09/07/2018	WG	Temperature	21.8	deg C	CALA-18-160764
292076	R-6	1205.0	09/09/2019	WG	Temperature	22.7	deg C	CALA-19-185305
334395	R-6	1205.0	08/25/2020	WG	Temperature	23.2	deg C	CALA-20-199292
193829	R-6	1205.0	08/23/2016	WG	Turbidity	6.1	NTU	CALA-16-124853
204661	R-6	1205.0	03/23/2017	WG	Turbidity	0.3	NTU	CALA-17-130495
247312	R-6	1205.0	09/07/2018	WG	Turbidity	0.1	NTU	CALA-18-160764
292078	R-6	1205.0	09/09/2019	WG	Turbidity	0.6	NTU	CALA-19-185305
334369	R-6	1205.0	08/25/2020	WG	Turbidity	0.2	NTU	CALA-20-199292
193893	R-64	1285.0	08/29/2016	WG	Dissolved Oxygen	5.94	mg/L	CALA-16-124854
204663	R-64	1285.0	03/23/2017	WG	Dissolved Oxygen	6.30	mg/L	CALA-17-130496
—	R-64	1285.0	09/19/2017	WG	Dissolved Oxygen	6.10	mg/L	—
246749	R-64	1285.0	09/04/2018	WG	Dissolved Oxygen	6.11	mg/L	CALA-18-160767
291805	R-64	1285.0	09/04/2019	WG	Dissolved Oxygen	6.34	mg/L	CALA-19-185308
334862	R-64	1285.0	08/28/2020	WG	Dissolved Oxygen	6.53	mg/L	CALA-20-199306
193893	R-64	1285.0	08/29/2016	WG	Flow (in gpm)	6.98	gpm	CALA-16-124854
204663	R-64	1285.0	03/23/2017	WG	Flow (in gpm)	6.97	gpm	CALA-17-130496
—	R-64	1285.0	09/19/2017	WG	Flow (in gpm)	6.98	gpm	—
246748	R-64	1285.0	09/04/2018	WG	Flow (in gpm)	7.14	gpm	CALA-18-160767
291804	R-64	1285.0	09/04/2019	WG	Flow (in gpm)	7.14	gpm	CALA-19-185308
334861	R-64	1285.0	08/28/2020	WG	Flow (in gpm)	7.14	gpm	CALA-20-199306
193895	R-64	1285.0	08/29/2016	WG	Oxidation-Reduction Potential	140.1	mV	CALA-16-124854
204665	R-64	1285.0	03/23/2017	WG	Oxidation-Reduction Potential	163.6	mV	CALA-17-130496

Field Measurement Record #	Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
—	R-64	1285.0	09/19/2017	WG	Oxidation-Reduction Potential	167.2	mV	—
246751	R-64	1285.0	09/04/2018	WG	Oxidation-Reduction Potential	275.1	mV	CALA-18-160767
291754	R-64	1285.0	09/04/2019	WG	Oxidation-Reduction Potential	246.8	mV	CALA-19-185308
334864	R-64	1285.0	08/28/2020	WG	Oxidation-Reduction Potential	305.2	mV	CALA-20-199306
193896	R-64	1285.0	08/29/2016	WG	pH	8.32	SU	CALA-16-124854
204669	R-64	1285.0	03/23/2017	WG	pH	8.14	SU	CALA-17-130496
—	R-64	1285.0	09/19/2017	WG	pH	8.24	SU	—
246706	R-64	1285.0	09/04/2018	WG	pH	8.31	SU	CALA-18-160767
291756	R-64	1285.0	09/04/2019	WG	pH	8.37	SU	CALA-19-185308
334823	R-64	1285.0	08/28/2020	WG	pH	8.05	SU	CALA-20-199306
193897	R-64	1285.0	08/29/2016	WG	Specific Conductance	128.6	µS/cm	CALA-16-124854
204666	R-64	1285.0	03/23/2017	WG	Specific Conductance	126.0	µS/cm	CALA-17-130496
—	R-64	1285.0	09/19/2017	WG	Specific Conductance	124.6	µS/cm	—
246708	R-64	1285.0	09/04/2018	WG	Specific Conductance	124.1	µS/cm	CALA-18-160767
291758	R-64	1285.0	09/04/2019	WG	Specific Conductance	122.1	µS/cm	CALA-19-185308
334825	R-64	1285.0	08/28/2020	WG	Specific Conductance	122.5	µS/cm	CALA-20-199306
193898	R-64	1285.0	08/29/2016	WG	Temperature	20.4	deg C	CALA-16-124854
204667	R-64	1285.0	03/23/2017	WG	Temperature	18.5	deg C	CALA-17-130496
—	R-64	1285.0	09/19/2017	WG	Temperature	19.1	deg C	—
246709	R-64	1285.0	09/04/2018	WG	Temperature	19.2	deg C	CALA-18-160767
291807	R-64	1285.0	09/04/2019	WG	Temperature	19.0	deg C	CALA-19-185308
334826	R-64	1285.0	08/28/2020	WG	Temperature	19.1	deg C	CALA-20-199306
193899	R-64	1285.0	08/29/2016	WG	Turbidity	3.1	NTU	CALA-16-124854
204668	R-64	1285.0	03/23/2017	WG	Turbidity	1.4	NTU	CALA-17-130496
—	R-64	1285.0	09/19/2017	WG	Turbidity	1.2	NTU	—
246753	R-64	1285.0	09/04/2018	WG	Turbidity	1.6	NTU	CALA-18-160767
291809	R-64	1285.0	09/04/2019	WG	Turbidity	1.1	NTU	CALA-19-185308

Field Measurement Record #	Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
334866	R-64	1285.0	08/28/2020	WG	Turbidity	1.0	NTU	CALA-20-199306
204684	R-66	819.4	03/28/2017	WG	Dissolved Oxygen	6.60	mg/L	CALA-17-130497
208882	R-66	819.4	09/27/2017	WG	Dissolved Oxygen	6.69	mg/L	CALA-17-144815
248672	R-66	819.4	09/18/2018	WG	Dissolved Oxygen	6.69	mg/L	CALA-18-160770
292409	R-66	819.4	09/12/2019	WG	Dissolved Oxygen	6.67	mg/L	CALA-19-185310
334968	R-66	819.4	08/28/2020	WG	Dissolved Oxygen	6.95	mg/L	CALA-20-199309
204685	R-66	819.4	03/28/2017	WG	Flow (in gpm)	5.00	gpm	CALA-17-130497
208883	R-66	819.4	09/27/2017	WG	Flow (in gpm)	4.83	gpm	CALA-17-144815
248671	R-66	819.4	09/18/2018	WG	Flow (in gpm)	5.00	gpm	CALA-18-160770
292408	R-66	819.4	09/12/2019	WG	Flow (in gpm)	4.84	gpm	CALA-19-185310
334967	R-66	819.4	08/28/2020	WG	Flow (in gpm)	5.00	gpm	CALA-20-199309
204686	R-66	819.4	03/28/2017	WG	Oxidation-Reduction Potential	236.8	mV	CALA-17-130497
208884	R-66	819.4	09/27/2017	WG	Oxidation-Reduction Potential	213.0	mV	CALA-17-144815
248674	R-66	819.4	09/18/2018	WG	Oxidation-Reduction Potential	304.6	mV	CALA-18-160770
292411	R-66	819.4	09/12/2019	WG	Oxidation-Reduction Potential	229.0	mV	CALA-19-185310
334970	R-66	819.4	08/28/2020	WG	Oxidation-Reduction Potential	172.6	mV	CALA-20-199309
204690	R-66	819.4	03/28/2017	WG	pH	7.87	SU	CALA-17-130497
208888	R-66	819.4	09/27/2017	WG	pH	7.78	SU	CALA-17-144815
248622	R-66	819.4	09/18/2018	WG	pH	7.85	SU	CALA-18-160770
292413	R-66	819.4	09/12/2019	WG	pH	7.68	SU	CALA-19-185310
334985	R-66	819.4	08/28/2020	WG	pH	7.59	SU	CALA-20-199309
204687	R-66	819.4	03/28/2017	WG	Specific Conductance	190.3	µS/cm	CALA-17-130497
208885	R-66	819.4	09/27/2017	WG	Specific Conductance	189.7	µS/cm	CALA-17-144815
248624	R-66	819.4	09/18/2018	WG	Specific Conductance	189.7	µS/cm	CALA-18-160770
292358	R-66	819.4	09/12/2019	WG	Specific Conductance	186.4	µS/cm	CALA-19-185310
334987	R-66	819.4	08/28/2020	WG	Specific Conductance	183.3	µS/cm	CALA-20-199309
204688	R-66	819.4	03/28/2017	WG	Temperature	22.7	deg C	CALA-17-130497

Field Measurement Record #	Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
208886	R-66	819.4	09/27/2017	WG	Temperature	23.1	deg C	CALA-17-144815
248625	R-66	819.4	09/18/2018	WG	Temperature	23.8	deg C	CALA-18-160770
292359	R-66	819.4	09/12/2019	WG	Temperature	23.4	deg C	CALA-19-185310
334988	R-66	819.4	08/28/2020	WG	Temperature	23.7	deg C	CALA-20-199309
204689	R-66	819.4	03/28/2017	WG	Turbidity	0.7	NTU	CALA-17-130497
208887	R-66	819.4	09/27/2017	WG	Turbidity	0.3	NTU	CALA-17-144815
248676	R-66	819.4	09/18/2018	WG	Turbidity	4.1	NTU	CALA-18-160770
292361	R-66	819.4	09/12/2019	WG	Turbidity	2.2	NTU	CALA-19-185310
334990	R-66	819.4	08/28/2020	WG	Turbidity	2.4	NTU	CALA-20-199309
193830	R-6i	602.0	08/23/2016	WG	Dissolved Oxygen	7.30	mg/L	CALA-16-124856
220261	R-6i	602.0	09/25/2017	WG	Dissolved Oxygen	7.33	mg/L	CALA-17-144816
247450	R-6i	602.0	09/07/2018	WG	Dissolved Oxygen	7.43	mg/L	CALA-18-160755
292160	R-6i	602.0	09/09/2019	WG	Dissolved Oxygen	7.45	mg/L	CALA-19-185297
334432	R-6i	602.0	08/25/2020	WG	Dissolved Oxygen	7.39	mg/L	CALA-20-199170
193831	R-6i	602.0	08/23/2016	WG	Flow (in gpm)	3.90	gpm	CALA-16-124856
220262	R-6i	602.0	09/25/2017	WG	Flow (in gpm)	3.12	gpm	CALA-17-144816
247449	R-6i	602.0	09/07/2018	WG	Flow (in gpm)	3.09	gpm	CALA-18-160755
292159	R-6i	602.0	09/09/2019	WG	Flow (in gpm)	4.29	gpm	CALA-19-185297
334431	R-6i	602.0	08/25/2020	WG	Flow (in gpm)	4.23	gpm	CALA-20-199170
193832	R-6i	602.0	08/23/2016	WG	Oxidation-Reduction Potential	123.8	mV	CALA-16-124856
220263	R-6i	602.0	09/25/2017	WG	Oxidation-Reduction Potential	163.2	mV	CALA-17-144816
247412	R-6i	602.0	09/07/2018	WG	Oxidation-Reduction Potential	222.9	mV	CALA-18-160755
292149	R-6i	602.0	09/09/2019	WG	Oxidation-Reduction Potential	164.9	mV	CALA-19-185297
334434	R-6i	602.0	08/25/2020	WG	Oxidation-Reduction Potential	93.0	mV	CALA-20-199170
193833	R-6i	602.0	08/23/2016	WG	pH	7.47	SU	CALA-16-124856
220267	R-6i	602.0	09/25/2017	WG	pH	7.29	SU	CALA-17-144816
247414	R-6i	602.0	09/07/2018	WG	pH	7.34	SU	CALA-18-160755

Field Measurement Record #	Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
292151	R-6i	602.0	09/09/2019	WG	pH	7.34	SU	CALA-19-185297
334470	R-6i	602.0	08/25/2020	WG	pH	7.27	SU	CALA-20-199170
193834	R-6i	602.0	08/23/2016	WG	Specific Conductance	232.5	µS/cm	CALA-16-124856
220264	R-6i	602.0	09/25/2017	WG	Specific Conductance	220.3	µS/cm	CALA-17-144816
247451	R-6i	602.0	09/07/2018	WG	Specific Conductance	210.0	µS/cm	CALA-18-160755
292161	R-6i	602.0	09/09/2019	WG	Specific Conductance	199.0	µS/cm	CALA-19-185297
334472	R-6i	602.0	08/25/2020	WG	Specific Conductance	190.8	µS/cm	CALA-20-199170
193835	R-6i	602.0	08/23/2016	WG	Temperature	17.8	deg C	CALA-16-124856
220265	R-6i	602.0	09/25/2017	WG	Temperature	16.8	deg C	CALA-17-144816
247452	R-6i	602.0	09/07/2018	WG	Temperature	17.3	deg C	CALA-18-160755
292162	R-6i	602.0	09/09/2019	WG	Temperature	17.7	deg C	CALA-19-185297
334473	R-6i	602.0	08/25/2020	WG	Temperature	17.8	deg C	CALA-20-199170
193836	R-6i	602.0	08/23/2016	WG	Turbidity	0.3	NTU	CALA-16-124856
220266	R-6i	602.0	09/25/2017	WG	Turbidity	2.8	NTU	CALA-17-144816
247454	R-6i	602.0	09/07/2018	WG	Turbidity	0.4	NTU	CALA-18-160755
292164	R-6i	602.0	09/09/2019	WG	Turbidity	0.6	NTU	CALA-19-185297
334436	R-6i	602.0	08/25/2020	WG	Turbidity	0.1	NTU	CALA-20-199170
193861	R-9	683.0	08/25/2016	WG	Dissolved Oxygen	5.67	mg/L	CALA-16-124859
208868	R-9	683.0	09/26/2017	WG	Dissolved Oxygen	5.53	mg/L	CALA-17-144817
248557	R-9	683.0	09/17/2018	WG	Dissolved Oxygen	6.14	mg/L	CALA-18-160776
293047	R-9	683.0	09/16/2019	WG	Dissolved Oxygen	5.69	mg/L	CALA-19-185316
334569	R-9	683.0	08/26/2020	WG	Dissolved Oxygen	5.74	mg/L	CALA-20-199313
193862	R-9	683.0	08/25/2016	WG	Flow (in gpm)	10.00	gpm	CALA-16-124859
208869	R-9	683.0	09/26/2017	WG	Flow (in gpm)	10.00	gpm	CALA-17-144817
248556	R-9	683.0	09/17/2018	WG	Flow (in gpm)	9.38	gpm	CALA-18-160776
293046	R-9	683.0	09/16/2019	WG	Flow (in gpm)	9.09	gpm	CALA-19-185316
334568	R-9	683.0	08/26/2020	WG	Flow (in gpm)	7.89	gpm	CALA-20-199313

Field Measurement Record #	Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
193863	R-9	683.0	08/25/2016	WG	Oxidation-Reduction Potential	161.8	mV	CALA-16-124859
208870	R-9	683.0	09/26/2017	WG	Oxidation-Reduction Potential	144.0	mV	CALA-17-144817
248519	R-9	683.0	09/17/2018	WG	Oxidation-Reduction Potential	263.9	mV	CALA-18-160776
293049	R-9	683.0	09/16/2019	WG	Oxidation-Reduction Potential	211.3	mV	CALA-19-185316
334519	R-9	683.0	08/26/2020	WG	Oxidation-Reduction Potential	135.5	mV	CALA-20-199313
193864	R-9	683.0	08/25/2016	WG	pH	8.09	SU	CALA-16-124859
208874	R-9	683.0	09/26/2017	WG	pH	8.04	SU	CALA-17-144817
248558	R-9	683.0	09/17/2018	WG	pH	8.11	SU	CALA-18-160776
293084	R-9	683.0	09/16/2019	WG	pH	7.93	SU	CALA-19-185316
334521	R-9	683.0	08/26/2020	WG	pH	7.81	SU	CALA-20-199313
193865	R-9	683.0	08/25/2016	WG	Specific Conductance	253.5	µS/cm	CALA-16-124859
208871	R-9	683.0	09/26/2017	WG	Specific Conductance	252.6	µS/cm	CALA-17-144817
248560	R-9	683.0	09/17/2018	WG	Specific Conductance	252.5	µS/cm	CALA-18-160776
293086	R-9	683.0	09/16/2019	WG	Specific Conductance	250.6	µS/cm	CALA-19-185316
334570	R-9	683.0	08/26/2020	WG	Specific Conductance	247.0	µS/cm	CALA-20-199313
193866	R-9	683.0	08/25/2016	WG	Temperature	22.5	deg C	CALA-16-124859
208872	R-9	683.0	09/26/2017	WG	Temperature	22.3	deg C	CALA-17-144817
248561	R-9	683.0	09/17/2018	WG	Temperature	22.8	deg C	CALA-18-160776
293087	R-9	683.0	09/16/2019	WG	Temperature	22.0	deg C	CALA-19-185316
334571	R-9	683.0	08/26/2020	WG	Temperature	22.7	deg C	CALA-20-199313
193867	R-9	683.0	08/25/2016	WG	Turbidity	0.4	NTU	CALA-16-124859
208873	R-9	683.0	09/26/2017	WG	Turbidity	0.2	NTU	CALA-17-144817
248522	R-9	683.0	09/17/2018	WG	Turbidity	1.2	NTU	CALA-18-160776
293089	R-9	683.0	09/16/2019	WG	Turbidity	0.6	NTU	CALA-19-185316
334573	R-9	683.0	08/26/2020	WG	Turbidity	0.4	NTU	CALA-20-199313
193816	TA-53i	600.0	08/22/2016	WG	Dissolved Oxygen	7.90	mg/L	CALA-16-124861
220268	TA-53i	600.0	09/25/2017	WG	Dissolved Oxygen	7.61	mg/L	CALA-17-144818

Field Measurement Record #	Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
248916	TA-53i	600.0	09/21/2018	WG	Dissolved Oxygen	7.67	mg/L	CALA-18-160759
293023	TA-53i	600.0	09/18/2019	WG	Dissolved Oxygen	7.73	mg/L	CALA-19-185302
336767	TA-53i	600.0	09/11/2020	WG	Dissolved Oxygen	7.60	mg/L	CASA-20-199319
193817	TA-53i	600.0	08/22/2016	WG	Flow (in gpm)	3.06	gpm	CALA-16-124861
220269	TA-53i	600.0	09/25/2017	WG	Flow (in gpm)	4.40	gpm	CALA-17-144818
248915	TA-53i	600.0	09/21/2018	WG	Flow (in gpm)	4.41	gpm	CALA-18-160759
293022	TA-53i	600.0	09/18/2019	WG	Flow (in gpm)	4.29	gpm	CALA-19-185302
336766	TA-53i	600.0	09/11/2020	WG	Flow (in gpm)	4.34	gpm	CASA-20-199319
193818	TA-53i	600.0	08/22/2016	WG	Oxidation-Reduction Potential	102.5	mV	CALA-16-124861
220270	TA-53i	600.0	09/25/2017	WG	Oxidation-Reduction Potential	93.7	mV	CALA-17-144818
248918	TA-53i	600.0	09/21/2018	WG	Oxidation-Reduction Potential	179.0	mV	CALA-18-160759
293025	TA-53i	600.0	09/18/2019	WG	Oxidation-Reduction Potential	127.4	mV	CALA-19-185302
336769	TA-53i	600.0	09/11/2020	WG	Oxidation-Reduction Potential	69.1	mV	CASA-20-199319
193819	TA-53i	600.0	08/22/2016	WG	pH	6.93	SU	CALA-16-124861
220274	TA-53i	600.0	09/25/2017	WG	pH	6.90	SU	CALA-17-144818
248920	TA-53i	600.0	09/21/2018	WG	pH	6.83	SU	CALA-18-160759
292976	TA-53i	600.0	09/18/2019	WG	pH	7.00	SU	CALA-19-185302
336771	TA-53i	600.0	09/11/2020	WG	pH	6.88	SU	CASA-20-199319
193820	TA-53i	600.0	08/22/2016	WG	Specific Conductance	382.1	µS/cm	CALA-16-124861
220271	TA-53i	600.0	09/25/2017	WG	Specific Conductance	390.0	µS/cm	CALA-17-144818
248922	TA-53i	600.0	09/21/2018	WG	Specific Conductance	403.3	µS/cm	CALA-18-160759
292978	TA-53i	600.0	09/18/2019	WG	Specific Conductance	418.6	µS/cm	CALA-19-185302
336735	TA-53i	600.0	09/11/2020	WG	Specific Conductance	446.7	µS/cm	CASA-20-199319
193821	TA-53i	600.0	08/22/2016	WG	Temperature	15.2	deg C	CALA-16-124861
220272	TA-53i	600.0	09/25/2017	WG	Temperature	15.7	deg C	CALA-17-144818
248934	TA-53i	600.0	09/21/2018	WG	Temperature	15.6	deg C	CALA-18-160759
292979	TA-53i	600.0	09/18/2019	WG	Temperature	15.2	deg C	CALA-19-185302

Field Measurement Record #	Location ID	Screen Depth	Measurement Date	PMR Sample Type	Field Parameter	Field Measurement	Measurement Units	Field Sample ID
336736	TA-53i	600.0	09/11/2020	WG	Temperature	14.7	deg C	CASA-20-199319
193822	TA-53i	600.0	08/22/2016	WG	Turbidity	0.6	NTU	CALA-16-124861
220273	TA-53i	600.0	09/25/2017	WG	Turbidity	0.0	NTU	CALA-17-144818
248936	TA-53i	600.0	09/21/2018	WG	Turbidity	1.6	NTU	CALA-18-160759
293027	TA-53i	600.0	09/18/2019	WG	Turbidity	1.0	NTU	CALA-19-185302
336738	TA-53i	600.0	09/11/2020	WG	Turbidity	1.0	NTU	CASA-20-199319

[a] WG = Groundwater.

[b] gpm = Gallons per minute.

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

[d] SU = Standard unit.

[e] NTU = Nephelometric turbidity unit.

Appendix B

Groundwater Elevation Measurements
(on DVD included with this document)

Appendix C

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

The following pages provide lists of (1) acronyms, abbreviations, symbols, and various analytical codes; (2) analytical laboratory qualifiers; and (3) validation qualifiers that may be used in Appendix C. Please note that these are comprehensive lists, and this periodic monitoring report may not include all of the terms in the lists.

Acronyms and Abbreviations

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

Acronyms and Abbreviations (continued)

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

Acronyms and Abbreviations (continued)

Acronym, Abbreviation, or Symbol	Description
Miscellaneous (continued)	
TCDD	tetrachlorodibenzo-p-dioxin
TCDF	tetrachlorodibenzofuran
TDS	total dissolved solids
TPH-DRO	total petroleum hydrocarbons—diesel range organics
TNX	trinitroso-RDX
TPU	total propagated uncertainty
UAL	upper acceptance limit
Field Matrix Codes	
W	water
WG	groundwater
WM	snowmelt
WP	persistent flow
WS	base flow
WT	storm runoff
Field Prep Codes	
F	filtered
UF	unfiltered
Lab Sample Type Codes	
CS	client sample
DL	dilution
DUP	duplicate
INIT	initial
RE	reanalysis
REDL	reanalysis dilution
REDP	reanalysis duplicate
RI	reissue
TRP	triplicate
Field QC Type Codes	
EQB	equipment rinsate blank
FB	field blank
FD	field duplicate
FR	field rinsate
FS	field split
FTB	field trip blank
FTR	field triplicate
INB	equipment blank taken during installation and not associated with a sampling event
ITB	trip blank taken during installation and not associated with a sampling event
NA	not applicable

Acronyms and Abbreviations (continued)

Acronym, Abbreviation, or Symbol	Description
Field QC Type Codes (continued)	
PEB	performance evaluation blank
PEK	performance evaluation known
REG	regular
RES	resample
SS	special sampling event, data unique
SS-EQB	equipment blank of special sampling event, data unique
SS-FB	field blank of special sampling event, data unique
SS-FD	field duplicate of special sampling event, data unique
SS-FTB	field trip blank of special sampling event, data unique
Analytical Suite Codes	
DIOX/FUR, Diox/Fur	dioxins and furans
DRO	diesel range organics
Geninorg, GENINORG, General Chemistry	general inorganics
GRO	gasoline range organics
HERB	herbicides
HEXP	high explosives
INORGANIC	inorganics
ISOTOPE, Isotope	isotope ratios
LCMS/MS	liquid chromatography mass spectrometry/mass spectrometry
METALS, Metals	metals
PEST/PCB, PESTPCB	pesticides and PCBs
RAD, Rad	radiochemistry
SVOC, SVOA	semivolatile organic compounds
VOC, VOA	volatile organic compounds
Detect Flag and Best Value Flag Codes	
N	no
Y	yes
Lab Codes	
ALTC	Alta Analytical Laboratory, Inc., San Diego, CA
ARSL	American Radiation Services, Inc.
CFA	Cape Fear Analytical, LLC, Wilmington, NC, Division of the GEL Group, Inc., Charleston SC
C-INC	Isotope and Nuclear Chemistry Division (LANL)
COAST	Coastal Science Laboratories, Austin, TX
CST	Chemical Sciences and Technology Division (LANL)
EES6	Hydrology, Geochemistry, and Geology Group (LANL)
ESE	Environmental Sciences & Engineering, Inc., Gainesville, FL
FLD	measurement taken in field

Acronyms and Abbreviations (continued)

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

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

Analytical Laboratory Qualifier Codes

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

Analytical Laboratory Qualifier Codes (continued)

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

Analytical Laboratory Qualifier Codes (continued)

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

Secondary Validation Flag Codes

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

Background Values

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

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

REFERENCE

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

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

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.11	38	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	2.95	38	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.43	38	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	2.99	38	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.01	38	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.0	38	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	2.95	38	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	2.97	38	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.02	38	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	2.94	38	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.0	38	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroaniline[4-]	100-01-6	N	3.22	38	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.11	—	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	2.95	—	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.43	—	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	2.99	—	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.01	—	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.0	—	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	2.95	—	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	2.97	—	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.02	—	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	2.94	—	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.0	—	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrophenol[4-]	100-02-7	N	3.22	—	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	700	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	700	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	700	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	700	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	700	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	700	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	700	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	700	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	700	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	700	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	700	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Ethylbenzene	100-41-4	N	0.3	700	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Styrene	100-42-5	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.11	2000	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	2.95	2000	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.43	2000	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	2.99	2000	—	—	—	2.99	µg/L	Y	U	UJ	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.01	2000	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.0	2000	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	2.95	2000	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	2.97	2000	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.02	2000	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	2.94	2000	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.0	2000	—	—	—	3.0	µg/L	Y	U	UJ	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzyl Alcohol	100-51-6	N	3.22	2000	—	—	—	3.22	µg/L	Y	U	UJ	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	4.71	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	4.71	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	4.71	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	4.71	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	4.71	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	4.71	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	4.71	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	4.71	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	4.71	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	4.71	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	4.71	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[cis-1,3-]	10061-01-5	N	0.3	4.71	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	4.71	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	4.71	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	4.71	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	4.71	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	4.71	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	4.71	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	4.71	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	4.71	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	4.71	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	4.71	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	4.71	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[trans-1,3-]	10061-02-6	N	0.3	4.71	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.11	—	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	2.95	—	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.43	—	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	2.99	—	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.01	—	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.0	—	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	2.95	—	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	2.97	—	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.02	—	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	2.94	—	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.0	—	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bromophenyl-phenylether[4-]	101-55-3	N	3.22	—	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	660	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	660	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	660	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	660	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	660	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	660	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	660	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	660	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	660	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	660	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	660	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Propylbenzene[1-]	103-65-1	N	0.3	660	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	1000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	1000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	1000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	1000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	1000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	1000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	1000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	1000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	1000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	1000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	1000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[n-]	104-51-8	N	0.3	1000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.11	354	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	2.95	354	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.43	354	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	2.99	354	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.01	354	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.0	354	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	2.95	354	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	2.97	354	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.02	354	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	2.94	354	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.0	354	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dimethylphenol[2,4-]	105-67-9	N	3.22	354	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	250	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	250	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	250	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	250	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	250	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	250	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	250	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	250	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	250	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	250	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	250	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorotoluene[4-]	106-43-4	N	0.3	250	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	75	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.11	75	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	75	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	2.95	75	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	75	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.43	75	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	75	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	2.99	75	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	75	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.01	75	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	75	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.0	75	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	75	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	2.95	75	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	75	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	2.97	75	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	75	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.02	75	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	75	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	2.94	75	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	75	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.0	75	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,4-]	106-46-7	N	0.3	75	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,4-]	106-46-7	N	3.22	75	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.42	3.7	—	—	—	3.42	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.24	3.7	—	—	—	3.24	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.77	3.7	—	—	—	3.77	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.29	3.7	—	—	—	3.29	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.32	3.7	—	—	—	3.32	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.3	3.7	—	—	—	3.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.24	3.7	—	—	—	3.24	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.26	3.7	—	—	—	3.26	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.33	3.7	—	—	—	3.33	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.24	3.7	—	—	—	3.24	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.3	3.7	—	—	—	3.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chloroaniline[4-]	106-47-8	N	3.54	3.7	—	—	—	3.54	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	0.05	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	0.05	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	0.05	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	0.05	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	0.05	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	0.05	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	0.05	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	0.05	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	0.05	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	0.05	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	0.05	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromoethane[1,2-]	106-93-4	N	0.3	0.05	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	0.0415	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	0.0415	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	0.0415	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	0.0415	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	0.0415	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	0.0415	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	0.0415	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	0.0415	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	0.0415	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	0.0415	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	0.0415	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acrolein	107-02-8	N	1.5	0.0415	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	7.3	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	7.3	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	7.3	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	7.3	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	7.3	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	7.3	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	7.3	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	7.3	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	7.3	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	7.3	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	7.3	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloro-1-propene[3-]	107-05-1	N	1.5	7.3	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethane[1,2-]	107-06-2	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Propionitrile	107-12-0	N	1.5	—	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	0.523	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	0.523	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	0.523	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	0.523	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	0.523	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	0.523	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	0.523	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	0.523	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	0.523	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	0.523	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	0.523	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acrylonitrile	107-13-1	N	1.5	0.523	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	409	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	409	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	409	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	409	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	409	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	409	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	409	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	409	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	409	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	409	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	409	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Vinyl acetate	108-05-4	N	1.5	409	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	1240	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	1240	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	1240	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	1240	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	1240	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	1240	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	1240	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	1240	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	1240	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	1240	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	1240	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl-2-pentanone[4-]	108-10-1	N	1.5	1240	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.11	9.81	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.95	9.81	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.43	9.81	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.99	9.81	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.01	9.81	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.0	9.81	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.95	9.81	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.97	9.81	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.02	9.81	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	2.94	9.81	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.0	9.81	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Oxybis(1-chloropropane)[2,2'-]	108-60-1	N	3.22	9.81	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	60	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	60	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	60	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	60	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	60	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	60	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	60	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	60	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	60	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	60	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	60	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trimethylbenzene[1,3,5-]	108-67-8	N	0.3	60	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	62	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	62	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	62	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	62	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	62	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	62	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	62	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	62	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	62	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	62	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	62	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromobenzene	108-86-1	N	0.3	62	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	1000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	1000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	1000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	1000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	1000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	1000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	1000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	1000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	1000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	1000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	1000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Toluene	108-88-3	N	0.3	1000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorobenzene	108-90-7	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.11	5	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	2.95	5	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.43	5	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	2.99	5	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.01	5	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.0	5	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	2.95	5	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Phenol	108-95-2	N	2.97	5	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.02	5	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	2.94	5	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.0	5	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Phenol	108-95-2	N	3.22	5	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.11	20	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	2.95	20	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.43	20	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	2.99	20	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.01	20	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.0	20	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	2.95	20	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pyridine	110-86-1	N	2.97	20	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.02	20	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	2.94	20	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.0	20	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pyridine	110-86-1	N	3.22	20	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.11	0.137	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	2.95	0.137	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.43	0.137	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	2.99	0.137	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.01	0.137	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.0	0.137	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	2.95	0.137	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	2.97	0.137	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.02	0.137	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	2.94	0.137	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.0	0.137	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-chloroethyl)ether	111-44-4	N	3.22	0.137	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.11	59	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	2.95	59	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.43	59	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	2.99	59	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.01	59	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.0	59	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	2.95	59	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	2.97	59	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.02	59	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	2.94	59	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.0	59	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-chloroethoxy)methane	111-91-1	N	3.22	59	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.311	6	—	—	—	0.311	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.295	6	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.343	6	—	—	—	0.343	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.299	6	—	—	—	0.299	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.301	6	—	—	—	0.301	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.3	6	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.295	6	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.297	6	—	—	—	0.297	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.302	6	—	—	—	0.302	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.294	6	—	—	—	0.294	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.3	6	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Bis(2-ethylhexyl)phthalate	117-81-7	N	0.569	6	—	—	—	0.322	µg/L	Y	J	UJ	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.311	200	—	—	—	0.311	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.295	200	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.343	200	—	—	—	0.343	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.299	200	—	—	—	0.299	µg/L	Y	U	UJ	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.301	200	—	—	—	0.301	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.3	200	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.295	200	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.297	200	—	—	—	0.297	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.302	200	—	—	—	0.302	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.294	200	—	—	—	0.294	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.3	200	—	—	—	0.3	µg/L	Y	U	UJ	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Di-n-octylphthalate	117-84-0	N	0.322	200	—	—	—	0.322	µg/L	Y	U	UJ	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.11	1	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	2.95	1	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.43	1	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	2.99	1	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.01	1	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.0	1	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	2.95	1	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	2.97	1	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.02	1	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	2.94	1	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.0	1	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorobenzene	118-74-1	N	3.22	1	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.311	1720	—	—	—	0.311	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.295	1720	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.343	1720	—	—	—	0.343	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.299	1720	—	—	—	0.299	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.301	1720	—	—	—	0.301	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.3	1720	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.295	1720	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.297	1720	—	—	—	0.297	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.302	1720	—	—	—	0.302	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.294	1720	—	—	—	0.294	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.3	1720	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Anthracene	120-12-7	N	0.387	1720	—	—	—	0.322	µg/L	Y	J	UJ	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	70	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.11	70	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	70	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	2.95	70	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	70	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.43	70	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	70	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	2.99	70	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	70	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.01	70	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	70	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.0	70	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	70	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	2.95	70	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	70	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	2.97	70	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	70	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.02	70	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	70	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	2.94	70	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	70	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.0	70	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorobenzene[1,2,4-]	120-82-1	N	0.3	70	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Trichlorobenzene[1,2,4-]	120-82-1	N	3.22	70	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.11	45.3	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	2.95	45.3	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.43	45.3	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	2.99	45.3	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.01	45.3	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.0	45.3	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	2.95	45.3	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	2.97	45.3	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.02	45.3	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	2.94	45.3	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.0	45.3	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorophenol[2,4-]	120-83-2	N	3.22	45.3	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.11	2.37	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	2.95	2.37	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.43	2.37	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	2.99	2.37	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.01	2.37	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.0	2.37	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	2.95	2.37	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	2.97	2.37	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.02	2.37	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	2.94	2.37	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.0	2.37	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitrotoluene[2,4-]	121-14-2	N	3.22	2.37	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.11	122	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	2.95	122	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.43	122	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	2.99	122	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.01	122	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.0	122	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	2.95	122	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	2.97	122	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.02	122	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	2.94	122	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.0	122	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Diphenylamine	122-39-4	N	3.22	122	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	3.11	0.78	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	2.95	0.78	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	3.43	0.78	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	2.99	0.78	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	3.01	0.78	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	3.0	0.78	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	2.95	0.78	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	2.97	0.78	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	3.02	0.78	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	2.94	0.78	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	3.0	0.78	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Diphenylhydrazine[1,2-]	122-66-7	N	3.22	0.78	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.11	4.59	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	4.59	—	—	—	0.1	µg/L	Y	U	UJ	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	2.95	4.59	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.502	4.59	—	—	—	0.1	µg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.43	4.59	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.342	4.59	—	—	—	0.1	µg/L	Y	J	J	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	2.99	4.59	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	4.59	—	—	—	0.1	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.01	4.59	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	2.75	4.59	—	—	—	0.1	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.0	4.59	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.1	4.59	—	—	—	0.1	µg/L	Y	J	J-	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	2.95	4.59	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	4.59	—	—	—	0.1	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	2.97	4.59	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	4.59	—	—	—	0.1	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.02	4.59	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	4.59	—	—	—	0.1	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	2.94	4.59	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	4.59	—	—	—	0.1	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.0	4.59	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	4.59	—	—	—	0.1	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.22	4.59	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	N	0.1	4.59	—	—	—	0.1	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorodibromomethane	124-48-1	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.11	20	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	2.95	20	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.43	20	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	2.99	20	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.01	20	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.0	20	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	2.95	20	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	2.97	20	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.02	20	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	2.94	20	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.0	20	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Sulfolane	126-33-0	N	3.22	20	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	1.91	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	1.91	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	1.91	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	1.91	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	1.91	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	1.91	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	1.91	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	1.91	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	1.91	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	1.91	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	1.91	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methacrylonitrile	126-98-7	N	1.5	1.91	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	0.187	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	0.187	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	0.187	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	0.187	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	0.187	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	0.187	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	0.187	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	0.187	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	0.187	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	0.187	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	0.187	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloro-1,3-butadiene[2-]	126-99-8	N	0.3	0.187	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethene	127-18-4	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.311	117	—	—	—	0.311	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.295	117	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.343	117	—	—	—	0.343	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.299	117	—	—	—	0.299	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.301	117	—	—	—	0.301	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.3	117	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.295	117	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.297	117	—	—	—	0.297	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.302	117	—	—	—	0.302	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.294	117	—	—	—	0.294	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.3	117	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pyrene	129-00-0	N	0.451	117	—	—	—	0.322	µg/L	Y	J	UJ	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.311	612	—	—	—	0.311	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.295	612	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.343	612	—	—	—	0.343	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.299	612	—	—	—	0.299	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.301	612	—	—	—	0.301	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.3	612	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.295	612	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.297	612	—	—	—	0.297	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.302	612	—	—	—	0.302	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.294	612	—	—	—	0.294	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.3	612	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dimethyl Phthalate	131-11-3	N	0.44	612	—	—	—	0.322	µg/L	Y	J	UJ	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.11	7.9	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	2.95	7.9	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.43	7.9	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	2.99	7.9	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.01	7.9	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.0	7.9	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	2.95	7.9	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	2.97	7.9	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.02	7.9	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	2.94	7.9	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.0	7.9	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dibenzofuran	132-64-9	N	3.22	7.9	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	2000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	2000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	2000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	2000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	2000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	2000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	2000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	2000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	2000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	2000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	2000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[sec-]	135-98-8	N	0.3	2000	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	370	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	370	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	370	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	370	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	370	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	370	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	370	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	370	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	370	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	370	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	370	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[1,3-]	142-28-9	N	0.3	370	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	70	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	70	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	70	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	70	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	70	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	70	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	70	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	70	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	70	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	70	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	70	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[cis-1,2-]	156-59-2	N	0.3	70	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[trans-1,2-]	156-60-5	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.11	250	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	2.95	250	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.43	250	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	2.99	250	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.01	250	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.0	250	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	2.95	250	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Prometon	1610-18-0	N	2.97	250	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.02	250	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	2.94	250	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.0	250	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Prometon	1610-18-0	N	3.22	250	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl tert-Butyl Ether	1634-04-4	N	0.3	100	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.717	70	—	—	—	0.717	ng/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.723	70	—	—	—	0.723	ng/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.736	70	—	—	—	0.736	ng/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	3.66	70	—	—	—	0.706	ng/L	Y	—	NQ	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.724	70	—	—	—	0.724	ng/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.703	70	—	—	—	0.703	ng/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.713	70	—	—	—	0.713	ng/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	0.842	70	—	—	—	0.705	ng/L	Y	J	J	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.724	70	—	—	—	0.724	ng/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.732	70	—	—	—	0.732	ng/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.718	70	—	—	—	0.718	ng/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.717	70	—	—	—	0.717	ng/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.11	3	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	2.95	3	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.43	3	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	2.99	3	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.01	3	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.0	3	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	2.95	3	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	2.97	3	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.02	3	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	2.94	3	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.0	3	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Atrazine	1912-24-9	N	3.22	3	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.311	—	—	—	—	0.311	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.295	—	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.343	—	—	—	—	0.343	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.299	—	—	—	—	0.299	µg/L	Y	U	UJ	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.301	—	—	—	—	0.301	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.295	—	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.297	—	—	—	—	0.297	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.302	—	—	—	—	0.302	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.294	—	—	—	—	0.294	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.3	—	—	—	—	0.3	µg/L	Y	U	UJ	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(g,h,i)perylene	191-24-2	N	0.322	—	—	—	—	0.322	µg/L	Y	U	UJ	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.311	0.343	—	—	—	0.311	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.295	0.343	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.343	0.343	—	—	—	0.343	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.299	0.343	—	—	—	0.299	µg/L	Y	U	UJ	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.301	0.343	—	—	—	0.301	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.3	0.343	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.295	0.343	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.297	0.343	—	—	—	0.297	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.302	0.343	—	—	—	0.302	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.294	0.343	—	—	—	0.294	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.3	0.343	—	—	—	0.3	µg/L	Y	U	UJ	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Indeno(1,2,3-cd)pyrene	193-39-5	N	0.322	0.343	—	—	—	0.322	µg/L	Y	U	UJ	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.311	0.343	—	—	—	0.311	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.295	0.343	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.343	0.343	—	—	—	0.343	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.299	0.343	—	—	—	0.299	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.301	0.343	—	—	—	0.301	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.3	0.343	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.295	0.343	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.297	0.343	—	—	—	0.297	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.302	0.343	—	—	—	0.302	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.294	0.343	—	—	—	0.294	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.3	0.343	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(b)fluoranthene	205-99-2	N	0.397	0.343	—	—	—	0.322	µg/L	Y	J	UJ	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.311	802	—	—	—	0.311	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.295	802	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.343	802	—	—	—	0.343	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.299	802	—	—	—	0.299	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.301	802	—	—	—	0.301	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.3	802	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.295	802	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.297	802	—	—	—	0.297	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.302	802	—	—	—	0.302	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.294	802	—	—	—	0.294	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.3	802	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Fluoranthene	206-44-0	N	0.419	802	—	—	—	0.322	µg/L	Y	J	UJ	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.311	3.43	—	—	—	0.311	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.295	3.43	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.343	3.43	—	—	—	0.343	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.299	3.43	—	—	—	0.299	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.301	3.43	—	—	—	0.301	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.3	3.43	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.295	3.43	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.297	3.43	—	—	—	0.297	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.302	3.43	—	—	—	0.302	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.294	3.43	—	—	—	0.294	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.3	3.43	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(k)fluoranthene	207-08-9	N	0.387	3.43	—	—	—	0.322	µg/L	Y	J	UJ	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.311	—	—	—	—	0.311	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.295	—	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.343	—	—	—	—	0.343	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.299	—	—	—	—	0.299	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.301	—	—	—	—	0.301	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.295	—	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.297	—	—	—	—	0.297	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.302	—	—	—	—	0.302	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.294	—	—	—	—	0.294	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Acenaphthylene	208-96-8	N	0.322	—	—	—	—	0.322	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.311	34.3	—	—	—	0.311	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.295	34.3	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.343	34.3	—	—	—	0.343	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.299	34.3	—	—	—	0.299	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.301	34.3	—	—	—	0.301	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.3	34.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.295	34.3	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.297	34.3	—	—	—	0.297	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.302	34.3	—	—	—	0.302	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.294	34.3	—	—	—	0.294	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.3	34.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chrysene	218-01-9	N	0.419	34.3	—	—	—	0.322	µg/L	Y	J	UJ	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.717	70	—	—	—	0.717	ng/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.723	70	—	—	—	0.723	ng/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.736	70	—	—	—	0.736	ng/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	2.45	70	—	—	—	0.706	ng/L	Y	—	NQ	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.724	70	—	—	—	0.724	ng/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.703	70	—	—	—	0.703	ng/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.713	70	—	—	—	0.713	ng/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.705	70	—	—	—	0.705	ng/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.724	70	—	—	—	0.724	ng/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.732	70	—	—	—	0.732	ng/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.718	70	—	—	—	0.718	ng/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	N	0.717	70	—	—	—	0.717	ng/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.591	70	—	—	—	0.591	ng/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.597	70	—	—	—	0.597	ng/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.607	70	—	—	—	0.607	ng/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	24.0	70	—	—	—	0.583	ng/L	Y	—	NQ	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.597	70	—	—	—	0.597	ng/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	2.06	70	—	—	—	0.58	ng/L	Y	—	NQ	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.588	70	—	—	—	0.588	ng/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.582	70	—	—	—	0.582	ng/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.598	70	—	—	—	0.598	ng/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.604	70	—	—	—	0.604	ng/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.592	70	—	—	—	0.592	ng/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	N	0.591	70	—	—	—	0.591	ng/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.311	0.2	—	—	—	0.311	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.295	0.2	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.343	0.2	—	—	—	0.343	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.299	0.2	—	—	—	0.299	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.301	0.2	—	—	—	0.301	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.3	0.2	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.295	0.2	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.297	0.2	—	—	—	0.297	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.302	0.2	—	—	—	0.302	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.294	0.2	—	—	—	0.294	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.3	0.2	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(a)pyrene	50-32-8	N	0.322	0.2	—	—	—	0.322	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.18	38.7	—	—	—	5.18	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	4.92	38.7	—	—	—	4.92	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.71	38.7	—	—	—	5.71	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	4.99	38.7	—	—	—	4.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.02	38.7	—	—	—	5.02	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.0	38.7	—	—	—	5.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	4.91	38.7	—	—	—	4.91	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	4.94	38.7	—	—	—	4.94	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.04	38.7	—	—	—	5.04	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	4.9	38.7	—	—	—	4.9	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.0	38.7	—	—	—	5.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitrophenol[2,4-]	51-28-5	N	5.37	38.7	—	—	—	5.37	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.11	1.52	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.95	1.52	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.43	1.52	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.99	1.52	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.01	1.52	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.0	1.52	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.95	1.52	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.97	1.52	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.02	1.52	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	2.94	1.52	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.0	1.52	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitro-2-methylphenol[4,6-]	534-52-1	N	3.22	1.52	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.311	0.0343	—	—	—	0.311	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.295	0.0343	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.343	0.0343	—	—	—	0.343	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.299	0.0343	—	—	—	0.299	µg/L	Y	U	UJ	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.301	0.0343	—	—	—	0.301	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.3	0.0343	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.295	0.0343	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.297	0.0343	—	—	—	0.297	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.302	0.0343	—	—	—	0.302	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.294	0.0343	—	—	—	0.294	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.3	0.0343	—	—	—	0.3	µg/L	Y	U	UJ	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dibenz(a,h)anthracene	53-70-3	N	0.322	0.0343	—	—	—	0.322	µg/L	Y	U	UJ	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.11	—	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	2.95	—	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.43	—	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	2.99	—	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.01	—	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.0	—	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	2.95	—	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	2.97	—	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.02	—	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	2.94	—	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.0	—	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,3-]	541-73-1	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,3-]	541-73-1	N	3.22	—	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.11	0.00167	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	0.00167	—	—	—	0.00018	µg/L	Y	U	U	N3B-2020-1672	CALA-20-199157	SwRI
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	2.95	0.00167	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	0.00167	—	—	—	0.00018	µg/L	Y	U	U	N3B-2020-1693	CALA-20-199160	SwRI
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.43	0.00167	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	0.00167	—	—	—	0.00018	µg/L	Y	U	U	N3B-2020-1693	CALA-20-199164	SwRI
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	2.99	0.00167	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	0.00167	—	—	—	0.00018	µg/L	Y	U	U	N3B-2020-1616	CALA-20-199167	SwRI
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.01	0.00167	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	0.00167	—	—	—	0.00018	µg/L	Y	U	U	N3B-2020-1607	CALA-20-199170	SwRI
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.0	0.00167	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	0.00167	—	—	—	0.00018	µg/L	Y	U	U	N3B-2020-1751	CASA-20-199319	SwRI
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	2.95	0.00167	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	0.00167	—	—	—	0.00018	µg/L	Y	U	U	N3B-2020-1607	CALA-20-199292	SwRI
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	2.97	0.00167	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	0.00167	—	—	—	0.00018	µg/L	Y	U	U	N3B-2020-1607	CALA-20-199294	SwRI
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.02	0.00167	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	0.00167	—	—	—	0.00018	µg/L	Y	U	U	N3B-2020-1634	CALA-20-199306	SwRI
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	2.94	0.00167	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	0.00167	—	—	—	0.00018	µg/L	Y	U	U	N3B-2020-1634	CALA-20-199309	SwRI
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.0	0.00167	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	0.00167	—	—	—	0.00018	µg/L	Y	U	U	N3B-2020-1616	CALA-20-199313	SwRI
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodiethylamine[N-]	55-18-5	N	3.22	0.00167	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	NITROSAMINES	Nitrosamines:HRMS	Nitrosodiethylamine[N-]	55-18-5	N	0.00018	0.00167	—	—	—	0.00018	µg/L	Y	U	U	N3B-2020-1616	CALA-20-199315	SwRI
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Carbon Tetrachloride	56-23-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropene[1,1-]	563-58-6	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.311	0.12	—	—	—	0.311	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.295	0.12	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.343	0.12	—	—	—	0.343	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.299	0.12	—	—	—	0.299	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.301	0.12	—	—	—	0.301	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.3	0.12	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.295	0.12	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.297	0.12	—	—	—	0.297	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.302	0.12	—	—	—	0.302	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.294	0.12	—	—	—	0.294	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.3	0.12	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzo(a)anthracene	56-55-3	N	0.472	0.12	—	—	—	0.322	µg/L	Y	J	UJ	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.11	240	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.95	240	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.43	240	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.99	240	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.01	240	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.0	240	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.95	240	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.97	240	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.02	240	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	2.94	240	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.0	240	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Tetrachlorophenol[2,3,4,6-]	58-90-2	N	3.22	240	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	38	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	38	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	38	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	38	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	38	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	38	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	38	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	38	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	38	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	38	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	38	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Hexanone[2-]	591-78-6	N	1.5	38	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[2,2-]	594-20-7	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.11	1400	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	2.95	1400	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.43	1400	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	2.99	1400	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.01	1400	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.0	1400	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	2.95	1400	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	2.97	1400	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.02	1400	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	2.94	1400	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.0	1400	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chloro-3-methylphenol[4-]	59-50-7	N	3.22	1400	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	3930	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	3930	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	3930	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	3930	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	3930	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	3930	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	3930	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	3930	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	3930	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	3930	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	3930	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Diethyl Ether	60-29-7	N	0.3	3930	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.11	0.485	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	2.95	0.485	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.43	0.485	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	2.99	0.485	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.01	0.485	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.0	0.485	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	2.95	0.485	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	2.97	0.485	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.02	0.485	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	2.94	0.485	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.0	0.485	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinitrotoluene[2,6-]	606-20-2	N	3.22	0.485	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.11	3.07	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	2.95	3.07	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.43	3.07	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	2.99	3.07	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.01	3.07	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.0	3.07	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	2.95	3.07	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	2.97	3.07	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.02	3.07	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	2.94	3.07	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.0	3.07	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pentachlorobenzene	608-93-5	N	3.22	3.07	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.11	0.11	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	0.11	—	—	—	0.00018	µg/L	Y	U	U	N3B-2020-1672	CALA-20-199157	SwRI
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.95	0.11	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	0.11	—	—	—	0.00018	µg/L	Y	U	U	N3B-2020-1693	CALA-20-199160	SwRI
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.43	0.11	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	0.11	—	—	—	0.00018	µg/L	Y	U	U	N3B-2020-1693	CALA-20-199164	SwRI
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.99	0.11	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	0.11	—	—	—	0.00018	µg/L	Y	U	U	N3B-2020-1616	CALA-20-199167	SwRI
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.01	0.11	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	0.11	—	—	—	0.00018	µg/L	Y	U	U	N3B-2020-1607	CALA-20-199170	SwRI
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.0	0.11	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	0.11	—	—	—	0.00018	µg/L	Y	U	U	N3B-2020-1751	CASA-20-199319	SwRI
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.95	0.11	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	0.11	—	—	—	0.00018	µg/L	Y	U	U	N3B-2020-1607	CALA-20-199292	SwRI
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.97	0.11	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	0.11	—	—	—	0.00018	µg/L	Y	U	U	N3B-2020-1607	CALA-20-199294	SwRI
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.02	0.11	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	0.11	—	—	—	0.00018	µg/L	Y	U	U	N3B-2020-1634	CALA-20-199306	SwRI
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	2.94	0.11	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	0.11	—	—	—	0.00018	µg/L	Y	U	U	N3B-2020-1634	CALA-20-199309	SwRI
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.0	0.11	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	0.11	—	—	—	0.00018	µg/L	Y	U	U	N3B-2020-1616	CALA-20-199313	SwRI
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.22	0.11	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	Y	0.00020	0.11	—	—	—	0.00018	µg/L	Y	J	J	N3B-2020-1616	CALA-20-199315	SwRI
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.35	130	—	—	—	4.35	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.13	130	—	—	—	4.13	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.8	130	—	—	—	4.8	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.19	130	—	—	—	4.19	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.22	130	—	—	—	4.22	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.2	130	—	—	—	4.2	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.12	130	—	—	—	4.12	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.15	130	—	—	—	4.15	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.23	130	—	—	—	4.23	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.12	130	—	—	—	4.12	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.2	130	—	—	—	4.2	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Aniline	62-53-3	N	4.51	130	—	—	—	4.51	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.11	0.00491	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.000366	0.00491	—	—	—	0.00036	µg/L	Y	J	U	N3B-2020-1672	CALA-20-199157	SWRI
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	2.95	0.00491	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	0.00491	—	—	—	0.00036	µg/L	Y	U	U	N3B-2020-1693	CALA-20-199160	SwRI
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.43	0.00491	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.000431	0.00491	—	—	—	0.00036	µg/L	Y	J	U	N3B-2020-1693	CALA-20-199164	SwRI
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	2.99	0.00491	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	Y	0.000896	0.00491	—	—	—	0.00036	µg/L	Y	—	NQ	N3B-2020-1616	CALA-20-199167	SwRI
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.01	0.00491	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	Y	0.000365	0.00491	—	—	—	0.00036	µg/L	Y	J	J	N3B-2020-1607	CALA-20-199170	SwRI
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.0	0.00491	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	Y	0.000529	0.00491	—	—	—	0.00036	µg/L	Y	—	NQ	N3B-2020-1751	CASA-20-199319	SwRI
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	2.95	0.00491	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	0.00491	—	—	—	0.00036	µg/L	Y	U	U	N3B-2020-1607	CALA-20-199292	SwRI
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	2.97	0.00491	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	Y	0.000446	0.00491	—	—	—	0.00036	µg/L	Y	J	J	N3B-2020-1607	CALA-20-199294	SwRI
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.02	0.00491	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	0.00491	—	—	—	0.00036	µg/L	Y	U	U	N3B-2020-1634	CALA-20-199306	SwRI
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	2.94	0.00491	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	0.00491	—	—	—	0.00036	µg/L	Y	U	U	N3B-2020-1634	CALA-20-199309	SwRI
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.0	0.00491	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	Y	0.000422	0.00491	—	—	—	0.00036	µg/L	Y	J	J	N3B-2020-1616	CALA-20-199313	SwRI

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.22	0.00491	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	Y	0.000362	0.00491	—	—	—	0.00036	µg/L	Y	J	J	N3B-2020-1616	CALA-20-199315	SwRI
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	5.74	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	5.74	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	5.74	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	5.74	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	5.74	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	5.74	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	5.74	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	5.74	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	5.74	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	5.74	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	5.74	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethane[1,1,1,2-]	630-20-6	N	0.3	5.74	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.83	930	—	—	—	3.83	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.64	930	—	—	—	3.64	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	4.23	930	—	—	—	4.23	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.69	930	—	—	—	3.69	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.72	930	—	—	—	3.72	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.7	930	—	—	—	3.7	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.63	930	—	—	—	3.63	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.66	930	—	—	—	3.66	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.73	930	—	—	—	3.73	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.63	930	—	—	—	3.63	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.7	930	—	—	—	3.7	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylphenol[3-,4-]	65794-96-9	N	3.97	930	—	—	—	3.97	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.22	75000	—	—	—	6.22	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	10.6	75000	—	—	—	5.9	µg/L	Y	J	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	12.5	75000	—	—	—	6.86	µg/L	Y	J	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	12.5	75000	—	—	—	5.99	µg/L	Y	J	J	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	10.3	75000	—	—	—	6.03	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.0	75000	—	—	—	6.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	9.33	75000	—	—	—	5.89	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	9.31	75000	—	—	—	5.93	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.05	75000	—	—	—	6.05	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	5.88	75000	—	—	—	5.88	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.0	75000	—	—	—	6.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.44	75000	—	—	—	6.44	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	14100	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	14100	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	14100	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	14100	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	7.45	14100	—	—	—	1.5	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	14100	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	3.9	14100	—	—	—	1.5	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	14100	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	2.41	14100	—	—	—	1.5	µg/L	Y	J	J	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	14100	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	14100	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	Y	3.79	14100	—	—	—	1.5	µg/L	Y	J	J	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroform	67-66-3	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.11	3.28	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	2.95	3.28	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.43	3.28	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	2.99	3.28	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.01	3.28	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.0	3.28	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	2.95	3.28	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	2.97	3.28	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.02	3.28	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	2.94	3.28	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.0	3.28	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachloroethane	67-72-1	N	3.22	3.28	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.11	—	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.95	—	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.43	—	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.99	—	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.01	—	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.0	—	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.95	—	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.97	—	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.02	—	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	2.94	—	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.0	—	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chlorophenyl-phenyl[4-] Ether	7005-72-3	N	3.22	—	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	2000	—	—	—	15.0	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	2000	—	—	—	15.0	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	2000	—	—	—	15.0	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	2000	—	—	—	15.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	2000	—	—	—	15.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	2000	—	—	—	15.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	2000	—	—	—	15.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	2000	—	—	—	15.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	2000	—	—	—	15.0	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	2000	—	—	—	15.0	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	2000	—	—	—	15.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butanol[1-]	71-36-3	N	15.0	2000	—	—	—	15.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Benzene	71-43-2	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	200	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	200	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	200	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	200	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	200	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	200	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC

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Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	200	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	200	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	200	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	200	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	200	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethane[1,1,1-]	71-55-6	N	0.3	200	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	7.54	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	7.54	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	7.54	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	7.54	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	7.54	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	7.54	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	7.54	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	7.54	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	7.54	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	7.54	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	7.54	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromomethane	74-83-9	N	0.3	7.54	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	20.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	20.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	20.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	20.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	20.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	20.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	20.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	20.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	20.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	20.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	20.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloromethane	74-87-3	N	0.3	20.3	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Iodomethane	74-88-4	N	1.5	—	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	0.0747	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	0.0747	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	0.0747	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	0.0747	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	0.0747	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	0.0747	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	0.0747	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	0.0747	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	0.0747	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	0.0747	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	0.0747	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromomethane	74-95-3	N	0.3	0.0747	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	83	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	83	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	83	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	83	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	83	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	83	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	83	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	83	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	83	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	83	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	83	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromochloromethane	74-97-5	N	0.3	83	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	20900	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	20900	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	20900	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	20900	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	20900	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	20900	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	20900	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	20900	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	20900	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	20900	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	20900	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chloroethane	75-00-3	N	0.3	20900	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	2	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	2	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	2	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	2	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	2	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	2	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	2	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	2	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	2	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	2	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	2	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Vinyl Chloride	75-01-4	N	0.3	2	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	130	—	—	—	8.0	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	130	—	—	—	8.0	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	130	—	—	—	8.0	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	130	—	—	—	8.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	130	—	—	—	8.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	130	—	—	—	8.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	130	—	—	—	8.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	130	—	—	—	8.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	130	—	—	—	8.0	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	130	—	—	—	8.0	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	130	—	—	—	8.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetonitrile	75-05-8	N	8.0	130	—	—	—	8.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	5	—	—	—	1.0	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	5	—	—	—	1.0	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	5	—	—	—	1.0	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	5	—	—	—	1.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	5	—	—	—	1.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	5	—	—	—	1.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	5	—	—	—	1.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	5	—	—	—	1.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	5	—	—	—	1.0	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	5	—	—	—	1.0	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	5	—	—	—	1.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methylene Chloride	75-09-2	N	1.0	5	—	—	—	1.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	810	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	810	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	810	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	810	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	810	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	810	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	810	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	810	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	810	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	810	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	810	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Carbon Disulfide	75-15-0	N	1.5	810	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromoform	75-25-2	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Bromodichloromethane	75-27-4	N	0.3	80	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	25	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	25	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	25	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	25	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	25	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	25	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	25	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	25	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	25	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	25	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	25	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethane[1,1-]	75-34-3	N	0.3	25	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	7	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	7	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	7	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	7	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	7	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	7	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	7	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	7	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	7	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	7	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	7	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloroethene[1,1-]	75-35-4	N	0.3	7	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	1140	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	1140	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	1140	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	1140	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	1140	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	1140	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	1140	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	1140	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	1140	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	1140	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	1140	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorofluoromethane	75-69-4	N	0.3	1140	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	197	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	197	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	197	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	197	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	197	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	197	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	197	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	197	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	197	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	197	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	197	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorodifluoromethane	75-71-8	N	0.3	197	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	55000	—	—	—	2.0	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	55000	—	—	—	2.0	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	55000	—	—	—	2.0	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	55000	—	—	—	2.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	55000	—	—	—	2.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	55000	—	—	—	2.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	55000	—	—	—	2.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	55000	—	—	—	2.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	55000	—	—	—	2.0	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	55000	—	—	—	2.0	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	55000	—	—	—	2.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloro-1,2,2-trifluoroethane[1,1,2-]	76-13-1	N	2.0	55000	—	—	—	2.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.11	50	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	2.95	50	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.43	50	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	2.99	50	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.01	50	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.0	50	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	2.95	50	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	2.97	50	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.02	50	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	2.94	50	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.0	50	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorocyclopentadiene	77-47-4	N	3.22	50	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.63	781	—	—	—	3.63	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.44	781	—	—	—	3.44	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	4.0	781	—	—	—	4.0	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.49	781	—	—	—	3.49	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.52	781	—	—	—	3.52	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.5	781	—	—	—	3.5	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.44	781	—	—	—	3.44	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.46	781	—	—	—	3.46	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.53	781	—	—	—	3.53	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.43	781	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.5	781	—	—	—	3.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Isophorone	78-59-1	N	3.76	781	—	—	—	3.76	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	5910	—	—	—	15.0	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	5910	—	—	—	15.0	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	5910	—	—	—	15.0	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	5910	—	—	—	15.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	5910	—	—	—	15.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	5910	—	—	—	15.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	5910	—	—	—	15.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	5910	—	—	—	15.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	5910	—	—	—	15.0	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	5910	—	—	—	15.0	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	5910	—	—	—	15.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Isobutyl alcohol	78-83-1	N	15.0	5910	—	—	—	15.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichloropropane[1,2-]	78-87-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	5560	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	5560	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	5560	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	5560	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	5560	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	5560	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	5560	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	5560	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	5560	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	5560	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	5560	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butanone[2-]	78-93-3	N	1.5	5560	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethane[1,1,2-]	79-00-5	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloroethene	79-01-6	N	0.3	5	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	10	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	10	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	10	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	10	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	10	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	10	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	10	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	10	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	10	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	10	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	10	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Tetrachloroethane[1,1,2,2-]	79-34-5	N	0.3	10	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	1390	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	1390	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	1390	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	1390	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	1390	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	1390	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	1390	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	1390	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	1390	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	1390	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	1390	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Methyl Methacrylate	80-62-6	N	1.5	1390	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.311	535	—	—	—	0.311	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.295	535	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.343	535	—	—	—	0.343	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.299	535	—	—	—	0.299	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.301	535	—	—	—	0.301	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.3	535	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.295	535	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.297	535	—	—	—	0.297	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.302	535	—	—	—	0.302	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.294	535	—	—	—	0.294	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.3	535	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Acenaphthene	83-32-9	N	0.354	535	—	—	—	0.322	µg/L	Y	J	UJ	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.311	14800	—	—	—	0.311	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.295	14800	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.343	14800	—	—	—	0.343	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.299	14800	—	—	—	0.299	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.301	14800	—	—	—	0.301	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.3	14800	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.295	14800	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.297	14800	—	—	—	0.297	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.302	14800	—	—	—	0.302	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.294	14800	—	—	—	0.294	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.3	14800	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Diethylphthalate	84-66-2	N	0.483	14800	—	—	—	0.322	µg/L	Y	J	UJ	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.342	885	—	—	—	0.311	µg/L	Y	BJ	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.295	885	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.343	885	—	—	—	0.343	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.299	885	—	—	—	0.299	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.301	885	—	—	—	0.301	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.3	885	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.295	885	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.297	885	—	—	—	0.297	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.302	885	—	—	—	0.302	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.294	885	—	—	—	0.294	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.3	885	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Di-n-butylphthalate	84-74-2	N	0.494	885	—	—	—	0.322	µg/L	Y	J	UJ	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.311	170	—	—	—	0.311	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.295	170	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.343	170	—	—	—	0.343	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.299	170	—	—	—	0.299	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.301	170	—	—	—	0.301	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.3	170	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.295	170	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.297	170	—	—	—	0.297	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.302	170	—	—	—	0.302	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.294	170	—	—	—	0.294	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.3	170	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Phenanthrene	85-01-8	N	0.408	170	—	—	—	0.322	µg/L	Y	J	UJ	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.311	160	—	—	—	0.311	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.295	160	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.343	160	—	—	—	0.343	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.299	160	—	—	—	0.299	µg/L	Y	U	UJ	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.301	160	—	—	—	0.301	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.3	160	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.295	160	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.297	160	—	—	—	0.297	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.302	160	—	—	—	0.302	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.294	160	—	—	—	0.294	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.3	160	—	—	—	0.3	µg/L	Y	U	UJ	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Butylbenzylphthalate	85-68-7	N	0.483	160	—	—	—	0.322	µg/L	Y	J	UJ	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.311	288	—	—	—	0.311	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.295	288	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.343	288	—	—	—	0.343	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.299	288	—	—	—	0.299	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.301	288	—	—	—	0.301	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.3	288	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.295	288	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.297	288	—	—	—	0.297	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.302	288	—	—	—	0.302	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.294	288	—	—	—	0.294	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.3	288	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Fluorene	86-73-7	N	0.322	288	—	—	—	0.322	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	7	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	7	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	7	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	7	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	7	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	7	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	7	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	7	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	7	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	7	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	7	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichlorobenzene[1,2,3-]	87-61-6	N	0.3	7	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	1.39	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.11	1.39	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	1.39	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	2.95	1.39	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	1.39	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.43	1.39	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	1.39	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	2.99	1.39	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	1.39	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.01	1.39	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	1.39	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.0	1.39	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	1.39	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	2.95	1.39	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	1.39	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	2.97	1.39	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	1.39	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.02	1.39	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	1.39	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	2.94	1.39	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	1.39	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.0	1.39	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Hexachlorobutadiene	87-68-3	N	0.3	1.39	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Hexachlorobutadiene	87-68-3	N	3.22	1.39	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.11	1	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	2.95	1	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.43	1	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	2.99	1	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.01	1	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.0	1	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	2.95	1	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	2.97	1	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.02	1	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	2.94	1	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.0	1	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Pentachlorophenol	87-86-5	N	3.22	1	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.11	11.9	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	2.95	11.9	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.43	11.9	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	2.99	11.9	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.01	11.9	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.0	11.9	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	2.95	11.9	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	2.97	11.9	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.02	11.9	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	2.94	11.9	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.0	11.9	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Trichlorophenol[2,4,6-]	88-06-2	N	3.22	11.9	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.11	190	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	2.95	190	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.43	190	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	2.99	190	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.01	190	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.0	190	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	2.95	190	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	2.97	190	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.02	190	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	2.94	190	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.0	190	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroaniline[2-]	88-74-4	N	3.22	190	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.11	—	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	2.95	—	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.43	—	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	2.99	—	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.01	—	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.0	—	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	2.95	—	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	2.97	—	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.02	—	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	2.94	—	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.0	—	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrophenol[2-]	88-75-5	N	3.22	—	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.11	7	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	2.95	7	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.43	7	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	2.99	7	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.01	7	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.0	7	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	2.95	7	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	2.97	7	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.02	7	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	2.94	7	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.0	7	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dinoseb	88-85-7	N	3.22	7	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.311	11.4	—	—	—	0.311	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.295	11.4	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.343	11.4	—	—	—	0.343	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.299	11.4	—	—	—	0.299	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.301	11.4	—	—	—	0.301	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.3	11.4	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.295	11.4	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.297	11.4	—	—	—	0.297	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.302	11.4	—	—	—	0.302	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.294	11.4	—	—	—	0.294	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.3	11.4	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylnaphthalene[1-]	90-12-0	N	0.322	11.4	—	—	—	0.322	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	1.65	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.311	1.65	—	—	—	0.311	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	1.65	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.295	1.65	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	1.65	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.343	1.65	—	—	—	0.343	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	1.65	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.299	1.65	—	—	—	0.299	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	1.65	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.301	1.65	—	—	—	0.301	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	1.65	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.3	1.65	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	1.65	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.295	1.65	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	1.65	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.297	1.65	—	—	—	0.297	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	1.65	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.302	1.65	—	—	—	0.302	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	1.65	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.294	1.65	—	—	—	0.294	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	1.65	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.3	1.65	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Naphthalene	91-20-3	N	0.3	1.65	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Naphthalene	91-20-3	N	0.322	1.65	—	—	—	0.322	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.311	35.1	—	—	—	0.311	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.295	35.1	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.343	35.1	—	—	—	0.343	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.299	35.1	—	—	—	0.299	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.301	35.1	—	—	—	0.301	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.3	35.1	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.295	35.1	—	—	—	0.295	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.297	35.1	—	—	—	0.297	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.302	35.1	—	—	—	0.302	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.294	35.1	—	—	—	0.294	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.3	35.1	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylnaphthalene[2-]	91-57-6	N	0.322	35.1	—	—	—	0.322	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.425	733	—	—	—	0.425	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.403	733	—	—	—	0.403	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.469	733	—	—	—	0.469	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.409	733	—	—	—	0.409	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.412	733	—	—	—	0.412	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.41	733	—	—	—	0.41	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.402	733	—	—	—	0.402	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.405	733	—	—	—	0.405	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.413	733	—	—	—	0.413	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.402	733	—	—	—	0.402	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.41	733	—	—	—	0.41	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chloronaphthalene[2-]	91-58-7	N	0.44	733	—	—	—	0.44	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.11	1.25	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	2.95	1.25	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.43	1.25	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	2.99	1.25	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.01	1.25	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.0	1.25	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	2.95	1.25	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	2.97	1.25	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.02	1.25	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	2.94	1.25	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.0	1.25	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzidine[3,3'-]	91-94-1	N	3.22	1.25	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.11	0.0273	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00177	0.0273	—	—	—	0.00047	µg/L	Y	—	U	N3B-2020-1672	CALA-20-199157	SWRI
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.95	0.0273	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	0.0273	—	—	—	0.00047	µg/L	Y	U	UJ	N3B-2020-1693	CALA-20-199160	SwRI
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.43	0.0273	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00252	0.0273	—	—	—	0.00047	µg/L	Y	—	U	N3B-2020-1693	CALA-20-199164	SwRI
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.99	0.0273	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	Y	0.0017	0.0273	—	—	—	0.00047	µg/L	Y	—	J	N3B-2020-1616	CALA-20-199167	SwRI
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.01	0.0273	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	Y	0.000549	0.0273	—	—	—	0.00047	µg/L	Y	—	J	N3B-2020-1607	CALA-20-199170	SwRI
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.0	0.0273	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	0.0273	—	—	—	0.00047	µg/L	Y	U	U	N3B-2020-1751	CASA-20-199319	SwRI
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.95	0.0273	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	Y	0.000694	0.0273	—	—	—	0.00047	µg/L	Y	—	J	N3B-2020-1607	CALA-20-199292	SwRI
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.97	0.0273	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	Y	0.000481	0.0273	—	—	—	0.00047	µg/L	Y	J	J	N3B-2020-1607	CALA-20-199294	SwRI
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.02	0.0273	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	0.0273	—	—	—	0.00047	µg/L	Y	U	UJ	N3B-2020-1634	CALA-20-199306	SwRI
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.94	0.0273	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.00047	0.0273	—	—	—	0.00047	µg/L	Y	U	UJ	N3B-2020-1634	CALA-20-199309	SwRI
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.0	0.0273	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	Y	0.000664	0.0273	—	—	—	0.00047	µg/L	Y	—	J	N3B-2020-1616	CALA-20-199313	SwRI

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.22	0.0273	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	Y	0.000501	0.0273	—	—	—	0.00047	µg/L	Y	—	J	N3B-2020-1616	CALA-20-199315	SwRI
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	4.04	0.00109	—	—	—	4.04	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.83	0.00109	—	—	—	3.83	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	4.46	0.00109	—	—	—	4.46	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.89	0.00109	—	—	—	3.89	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.92	0.00109	—	—	—	3.92	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.9	0.00109	—	—	—	3.9	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.83	0.00109	—	—	—	3.83	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.86	0.00109	—	—	—	3.86	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.93	0.00109	—	—	—	3.93	µg/L	Y	U	UJ	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.82	0.00109	—	—	—	3.82	µg/L	Y	U	UJ	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzidine	92-87-5	N	3.9	0.00109	—	—	—	3.9	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzidine	92-87-5	N	4.19	0.00109	—	—	—	4.19	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.11	0.37	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	0.37	—	—	—	0.00033	µg/L	Y	U	U	N3B-2020-1672	CALA-20-199157	SwRI
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	2.95	0.37	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	0.37	—	—	—	0.00033	µg/L	Y	U	U	N3B-2020-1693	CALA-20-199160	SwRI
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.43	0.37	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	0.37	—	—	—	0.00033	µg/L	Y	U	U	N3B-2020-1693	CALA-20-199164	SwRI
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	2.99	0.37	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	0.37	—	—	—	0.00033	µg/L	Y	U	U	N3B-2020-1616	CALA-20-199167	SwRI
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.01	0.37	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	0.37	—	—	—	0.00033	µg/L	Y	U	U	N3B-2020-1607	CALA-20-199170	SwRI
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.0	0.37	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	0.37	—	—	—	0.00033	µg/L	Y	U	U	N3B-2020-1751	CASA-20-199319	SwRI
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	2.95	0.37	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	0.37	—	—	—	0.00033	µg/L	Y	U	U	N3B-2020-1607	CALA-20-199292	SwRI
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	2.97	0.37	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	0.37	—	—	—	0.00033	µg/L	Y	U	U	N3B-2020-1607	CALA-20-199294	SwRI
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.02	0.37	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	0.37	—	—	—	0.00033	µg/L	Y	U	U	N3B-2020-1634	CALA-20-199306	SwRI
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	2.94	0.37	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	0.37	—	—	—	0.00033	µg/L	Y	U	U	N3B-2020-1634	CALA-20-199309	SwRI
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.0	0.37	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	0.37	—	—	—	0.00033	µg/L	Y	U	U	N3B-2020-1616	CALA-20-199313	SwRI
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosopyrrolidine[N-]	930-55-2	N	3.22	0.37	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	NITROSAMINES	Nitrosamines:HRMS	Nitrosopyrrolidine[N-]	930-55-2	N	0.00033	0.37	—	—	—	0.00033	µg/L	Y	U	U	N3B-2020-1616	CALA-20-199315	SwRI
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	193	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	193	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	193	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	193	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	193	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	193	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	193	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	193	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	193	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	193	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	193	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Xylene[1,2-]	95-47-6	N	0.3	193	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.11	930	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	2.95	930	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.43	930	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	2.99	930	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.01	930	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.0	930	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	2.95	930	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	2.97	930	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.02	930	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	2.94	930	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.0	930	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Methylphenol[2-]	95-48-7	N	3.22	930	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	233	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	233	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	233	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	233	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	233	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	233	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	233	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	233	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	233	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	233	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	233	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Chlorotoluene[2-]	95-49-8	N	0.3	233	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	600	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.11	600	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	600	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	2.95	600	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	600	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.43	600	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	600	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	2.99	600	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	600	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.01	600	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	600	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.0	600	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	600	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	2.95	600	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	600	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	2.97	600	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	600	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.02	600	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	600	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	2.94	600	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	600	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.0	600	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dichlorobenzene[1,2-]	95-50-1	N	0.3	600	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Dichlorobenzene[1,2-]	95-50-1	N	3.22	600	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.11	91	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	2.95	91	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.43	91	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	2.99	91	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.01	91	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.0	91	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	2.95	91	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	2.97	91	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.02	91	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	2.94	91	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.0	91	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Chlorophenol[2-]	95-57-8	N	3.22	91	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	56	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	56	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	56	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	56	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	56	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	56	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	56	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	56	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	56	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	56	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	56	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trimethylbenzene[1,2,4-]	95-63-6	N	0.3	56	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.11	1.66	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.95	1.66	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.43	1.66	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.99	1.66	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.01	1.66	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.0	1.66	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.95	1.66	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.97	1.66	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.02	1.66	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	2.94	1.66	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.0	1.66	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Tetrachlorobenzene[1,2,4,5]	95-94-3	N	3.22	1.66	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.11	1170	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	2.95	1170	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.43	1170	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	2.99	1170	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.01	1170	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.0	1170	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	2.95	1170	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	2.97	1170	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.02	1170	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	2.94	1170	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.0	1170	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Trichlorophenol[2,4,5-]	95-95-4	N	3.22	1170	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	0.2	—	—	—	0.5	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	0.2	—	—	—	0.5	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	0.2	—	—	—	0.5	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	0.2	—	—	—	0.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	0.2	—	—	—	0.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	0.2	—	—	—	0.5	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	0.2	—	—	—	0.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	0.2	—	—	—	0.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	0.2	—	—	—	0.5	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	0.2	—	—	—	0.5	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	0.2	—	—	—	0.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Dibromo-3-Chloropropane[1,2-]	96-12-8	N	0.5	0.2	—	—	—	0.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	0.00835	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	0.00835	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	0.00835	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	0.00835	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	0.00835	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	0.00835	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	0.00835	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	0.00835	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	0.00835	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	0.00835	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	0.00835	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Trichloropropane[1,2,3-]	96-18-4	N	0.3	0.00835	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	455	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	455	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	455	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	455	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	455	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	455	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	455	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	455	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	455	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	455	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	455	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Ethyl Methacrylate	97-63-2	N	1.5	455	—	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	690	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	690	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	690	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	690	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	690	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	690	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	690	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	690	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	690	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	690	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	690	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Butylbenzene[tert-]	98-06-6	N	0.3	690	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	447	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	447	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	447	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	447	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	447	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	447	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	447	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	447	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	447	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	447	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	447	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Isopropylbenzene	98-82-8	N	0.3	447	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.11	1.4	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	2.95	1.4	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.43	1.4	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	2.99	1.4	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.01	1.4	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.0	1.4	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	2.95	1.4	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	2.97	1.4	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.02	1.4	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	2.94	1.4	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.0	1.4	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrobenzene	98-95-3	N	3.22	1.4	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.11	—	—	—	—	3.11	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	2.95	—	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.43	—	—	—	—	3.43	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	2.99	—	—	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.01	—	—	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.0	—	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	2.95	—	—	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	2.97	—	—	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.02	—	—	—	—	3.02	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	2.94	—	—	—	—	2.94	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.0	—	—	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroaniline[3-]	99-09-2	N	3.22	—	—	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Isopropyltoluene[4-]	99-87-6	N	0.3	—	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*i	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*i	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*i	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*i	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*i	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*i	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Silver	Ag	N	0.3	50	0.2*r	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*i	—	—	68.0	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*i	—	—	68.0	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*i	—	—	68.0	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*i	—	—	68.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*i	—	—	68.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*i	—	—	68.0	µg/L	Y	U	UJ	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	—	—	68.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	—	—	68.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	—	—	68.0	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	—	—	68.0	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	—	—	68.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Aluminum	Al	N	68.0	5000	68*r	—	—	68.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3	ALK-CO3	N	1.45	—	—	—	—	1.45	mg/L	Y	U	U	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	43.4	—	62.00	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80.6	—	62.00	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.4	—	62.00	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	54.4	—	62.00	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.0	—	62.00	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	118.0	—	62.00	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.1	—	72.90	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.6	—	72.90	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.4	—	72.90	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86.1	—	72.90	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	116.0	—	72.90	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	116.0	—	72.90	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00558	—	0.00829*i	0.0118	0.0506	—	pCi/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0136	—	0.00829*i	0.008	0.0351	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00472	—	0.00829*i	0.0111	0.0428	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0207	—	0.00829*i	0.00717	0.0366	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0277	—	0.00829*i	0.0165	0.0543	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.024	—	0.00829*i	0.0126	0.0724	—	pCi/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0	—	0.0167*r	0.0087	0.0544	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0118	—	0.0167*r	0.0126	0.0523	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.022	—	0.0167*r	0.0137	0.0665	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0143	—	0.0167*r	0.00857	0.0517	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0236	—	0.0167*r	0.0102	0.0521	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0116	—	0.0167*r	0.00773	0.0342	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	2.0	10	2.82*i	—	—	2.0	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	2.46	10	2.82*i	—	—	2.0	µg/L	Y	J	U	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	2.61	10	2.82*i	—	—	2.0	µg/L	Y	J	U	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.38	10	2.82*i	—	—	2.0	µg/L	Y	J	J	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.24	10	2.82*i	—	—	2.0	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.18	10	2.82*i	—	—	2.0	µg/L	Y	J	J	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.92	10	2.7*r	—	—	2.0	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.73	10	2.7*r	—	—	2.0	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	N	2.0	10	2.7*r	—	—	2.0	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.54	10	2.7*r	—	—	2.0	µg/L	Y	J	J	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	4.53	10	2.7*r	—	—	2.0	µg/L	Y	J	J	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Arsenic	As	Y	4.32	10	2.7*r	—	—	2.0	µg/L	Y	J	J	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	750	16.2*i	—	—	15.0	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	17.1	750	16.2*i	—	—	15.0	µg/L	Y	J	J	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	26.3	750	16.2*i	—	—	15.0	µg/L	Y	J	J	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	17.6	750	16.2*i	—	—	15.0	µg/L	Y	J	J	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	25.7	750	16.2*i	—	—	15.0	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	36.8	750	16.2*i	—	—	15.0	µg/L	Y	J	J	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	31.9	750	18.7*r	—	—	15.0	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	29.8	750	18.7*r	—	—	15.0	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15.0	750	18.7*r	—	—	15.0	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	35.3	750	18.7*r	—	—	15.0	µg/L	Y	J	J	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	57.6	750	18.7*r	—	—	15.0	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	56.9	750	18.7*r	—	—	15.0	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	9.0	2000	13.50	—	—	1.0	µg/L	Y	—	NQ	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	37.0	2000	13.50	—	—	1.0	µg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	21.9	2000	13.50	—	—	1.0	µg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	25.1	2000	13.50	—	—	1.0	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	16.2	2000	13.50	—	—	1.0	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	54.1	2000	13.50	—	—	1.0	µg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	16.8	2000	38.10	—	—	1.0	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	16.4	2000	38.10	—	—	1.0	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	14.0	2000	38.10	—	—	1.0	µg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.9	2000	38.10	—	—	1.0	µg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	179.0	2000	38.10	—	—	1.0	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	179.0	2000	38.10	—	—	1.0	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	4	1*i	—	—	1.0	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	4	1*i	—	—	1.0	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	4	1*i	—	—	1.0	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	4	1*i	—	—	1.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	4	1*i	—	—	1.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	4	1*i	—	—	1.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	—	—	1.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	—	—	1.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	—	—	1.0	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	—	—	1.0	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199310	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	—	—	1.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Beryllium	Be	N	1.0	4	1*r	—	—	1.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.0716*i	—	—	0.067	mg/L	Y	U	U	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	1.47	—	0.0716*i	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	1.38	—	0.0716*i	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.148	—	0.0716*i	—	—	0.067	mg/L	Y	J	J	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.0716*i	—	—	0.067	mg/L	Y	U	U	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	2.29	—	0.0716*i	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	—	—	0.067	mg/L	Y	U	U	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	—	—	0.067	mg/L	Y	U	U	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	—	—	0.067	mg/L	Y	U	U	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	—	—	0.067	mg/L	Y	U	U	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	—	—	0.067	mg/L	Y	U	U	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	N	0.067	—	0.067*r	—	—	0.067	mg/L	Y	U	U	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	7.04	—	10.70	—	—	0.05	mg/L	Y	—	J-	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	28.0	—	10.70	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	27.1	—	10.70	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	16.3	—	10.70	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.0	—	10.70	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	48.1	—	10.70	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.0	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.1	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	10.9	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	18.5	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.0	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	22.9	—	17.03	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	0.11*i	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	0.11*i	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	0.11*i	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	0.11*i	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	0.11*i	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	0.11*i	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	0.11*r	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	0.11*r	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	0.11*r	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	0.11*r	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	0.11*r	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Cadmium	Cd	N	0.3	5	0.11*r	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.52	250	3.11	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	31.5	250	3.11	—	—	0.67	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	25.4	250	3.11	—	—	0.67	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	22.9	250	3.11	—	—	0.335	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	11.6	250	3.11	—	—	0.134	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	38.2	250	3.11	—	—	0.67	mg/L	Y	—	J+	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.85	250	2.70	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.87	250	2.70	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.55	250	2.70	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	4.01	250	2.70	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.89	250	2.70	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.95	250	2.70	—	—	0.067	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.445	13.8	0.27	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	2.64	13.8	0.27	—	—	0.1	µg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	1.53	13.8	0.27	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.615	13.8	0.27	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	3.53	13.8	0.27	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.585	13.8	0.27	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.269	13.8	0.41	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.286	13.8	0.41	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.216	13.8	0.41	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.523	13.8	0.41	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.601	13.8	0.41	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.616	13.8	0.41	—	—	0.05	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	0.0017*i	—	—	0.00167	mg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	0.0017*i	—	—	0.00167	mg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	0.0017*i	—	—	0.00167	mg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	0.0017*i	—	—	0.00167	mg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	0.0017*i	—	—	0.00167	mg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	0.0017*i	—	—	0.00167	mg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	0.0017*r	—	—	0.00167	mg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	0.0017*r	—	—	0.00167	mg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	0.0017*r	—	—	0.00167	mg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	0.0017*r	—	—	0.00167	mg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	0.0017*r	—	—	0.00167	mg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	INORGANIC	EPA:335.4	Cyanide (Total)	CN(TOTAL)	N	0.00167	0.2	0.0017*r	—	—	0.00167	mg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	50	1*i	—	—	1.0	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	50	1*i	—	—	1.0	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	50	1*i	—	—	1.0	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	50	1*i	—	—	1.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	50	1*i	—	—	1.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	50	1*i	—	—	1.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	—	—	1.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	—	—	1.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.39	50	1*r	—	—	1.0	µg/L	Y	J	U	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.2	50	1*r	—	—	1.0	µg/L	Y	J	U	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	—	—	1.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Cobalt	Co	N	1.0	50	1*r	—	—	1.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.19	—	2.68*i	1.44	4.76	—	pCi/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.969	—	2.68*i	1.14	5.08	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.19	—	2.68*i	1.4	4.65	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.25	—	2.68*i	1.95	6.9	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.46	—	2.68*i	1.65	5.55	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.57	—	2.68*i	1.61	4.15	—	pCi/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.53	—	2.65*r	1.2	5.14	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.76	—	2.65*r	1.24	5.4	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.0386	—	2.65*r	0.916	3.89	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	2.06	—	2.65*r	1.53	4.43	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.303	—	2.65*r	1.14	4.37	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.505	—	2.65*r	1.24	4.9	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3.0	50	2.72*i	—	—	3.0	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3.0	50	2.72*i	—	—	3.0	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3.0	50	2.72*i	—	—	3.0	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3.0	50	2.72*i	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3.0	50	2.72*i	—	—	3.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.41	50	2.72*i	—	—	3.0	µg/L	Y	J	J	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.42	50	7.48	—	—	3.0	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	Y	5.45	50	7.48	—	—	3.0	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	N	3.0	50	7.48	—	—	3.0	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.5	50	7.48	—	—	3.0	µg/L	Y	J	J	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Chromium	Cr	Y	4.37	50	7.48	—	—	3.0	µg/L	Y	J	J	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Chromium	Cr	Y	3.87	50	7.48	—	—	3.0	µg/L	Y	J	J	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.4	—	2.96*i	1.22	4.09	—	pCi/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.427	—	2.96*i	1.59	5.05	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.09	—	2.96*i	1.65	3.81	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.116	—	2.96*i	1.45	5.5	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.412	—	2.96*i	1.38	4.67	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.47	—	2.96*i	1.5	5.31	—	pCi/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.181	—	2.93*r	1.34	4.93	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.193	—	2.93*r	1.18	3.85	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.719	—	2.93*r	1.42	5.56	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.289	—	2.93*r	1.19	3.63	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.08	—	2.93*r	1.04	4.09	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	4.48	—	2.93*r	2.44	4.25	—	pCi/L	Y	UI	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	1000	3*i	—	—	3.0	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	1000	3*i	—	—	3.0	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	1000	3*i	—	—	3.0	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	1000	3*i	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	1000	3*i	—	—	3.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	1000	3*i	—	—	3.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	—	—	3.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	—	—	3.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	—	—	3.0	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	—	—	3.0	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Copper	Cu	N	3.0	1000	3*r	—	—	3.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0499	1.6	0.23	—	—	0.033	mg/L	Y	J	J	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.133	1.6	0.23	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.133	1.6	0.23	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.427	1.6	0.23	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	1.06	1.6	0.23	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.195	1.6	0.23	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.381	1.6	0.38	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.383	1.6	0.38	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.482	1.6	0.38	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.468	1.6	0.38	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.571	1.6	0.38	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.573	1.6	0.38	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	1000	54.1*i	—	—	30.0	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	1000	54.1*i	—	—	30.0	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	1000	54.1*i	—	—	30.0	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	1000	54.1*i	—	—	30.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	1000	54.1*i	—	—	30.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	1000	54.1*i	—	—	30.0	µg/L	Y	U	UJ	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	—	—	30.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	—	—	30.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	—	—	30.0	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	—	—	30.0	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	—	—	30.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Iron	Fe	N	30.0	1000	53.8*r	—	—	30.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.39	15	3.85*i	1.07	2.48	—	pCi/L	Y	—	NQ	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0111	15	3.85*i	0.654	2.82	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.17	15	3.85*i	0.858	2.91	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.805	15	3.85*i	0.688	2.41	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.0524	15	3.85*i	0.559	2.71	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.63	15	3.85*i	0.918	2.96	—	pCi/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.257	15	2.012*r	0.629	2.96	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.06	15	2.012*r	0.802	2.76	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.0806	15	2.012*r	0.723	2.99	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.58	15	2.012*r	0.894	2.86	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.286	15	2.012*r	0.635	2.5	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	0.252	15	2.012*r	0.653	2.47	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	6.65	—	9.18*i	1.01	2.69	—	pCi/L	Y	—	NQ	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	16.6	—	9.18*i	1.27	2.38	—	pCi/L	Y	—	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	16.7	—	9.18*i	1.28	2.47	—	pCi/L	Y	—	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.3	—	9.18*i	0.77	2.54	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.703	—	9.18*i	0.858	2.92	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.98	—	9.18*i	0.975	2.6	—	pCi/L	Y	—	NQ	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.2	—	3.81*r	0.715	2.36	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	2.76	—	3.81*r	0.818	2.52	—	pCi/L	Y	—	NQ	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.01	—	3.81*r	0.965	2.89	—	pCi/L	Y	—	NQ	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.22	—	3.81*r	0.77	2.55	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.53	—	3.81*r	0.799	2.24	—	pCi/L	Y	—	NQ	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	5.16	—	3.81*r	1.01	2.58	—	pCi/L	Y	—	NQ	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.832	20000	2.02*i	0.854	2.629	—	pCi/L	Y	U	U	N3B-2020-1695	CALA-20-199157	ARSL
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	1090.0	20000	2.02*i	70.7	140.0	—	pCi/L	Y	—	NQ	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	672.0	20000	2.02*i	62.3	145.0	—	pCi/L	Y	—	NQ	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	550.0	20000	2.02*i	67.3	156.0	—	pCi/L	Y	—	NQ	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	1260.0	20000	2.02*i	89.5	156.0	—	pCi/L	Y	—	NQ	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	86.35	20000	2.02*i	13.09	2.995	—	pCi/L	Y	—	NQ	N3B-2020-1890	CASA-20-199319	ARSL
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	2.337	20000	2.06*r	0.962	2.895	—	pCi/L	Y	U	U	N3B-2020-1621	CALA-20-199292	ARSL
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.944	20000	2.06*r	0.881	2.89	—	pCi/L	Y	U	U	N3B-2020-1621	CALA-20-199294	ARSL
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.192	20000	2.06*r	0.831	2.679	—	pCi/L	Y	U	U	N3B-2020-1695	CALA-20-199306	ARSL
R-66	819.4	08/28/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	1.794	20000	2.06*r	0.956	2.998	—	pCi/L	Y	U	U	N3B-2020-1695	CALA-20-199309	ARSL
R-9	683.0	08/26/2020	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	3.842	20000	2.06*r	1.094	2.921	—	pCi/L	Y	—	NQ	N3B-2020-1621	CALA-20-199313	ARSL
R-9	683.0	08/26/2020	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	Y	3.052	20000	2.06*r	1.017	2.893	—	pCi/L	Y	—	NQ	N3B-2020-1621	CALA-20-199315	ARSL
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	26.6	—	37.80	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	105.0	—	37.80	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	91.6	—	37.80	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	73.0	—	37.80	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	56.2	—	37.80	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	160.0	—	37.80	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	48.6	—	67.10	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49.3	—	67.10	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	38.8	—	67.10	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	68.2	—	67.10	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	90.4	—	67.10	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	89.6	—	67.10	—	—	0.453	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*i	—	—	0.067	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*i	—	—	0.067	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*i	—	—	0.067	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*i	—	—	0.067	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*i	—	—	0.067	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*i	—	—	0.067	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*i	—	—	0.067	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*i	—	—	0.067	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*i	—	—	0.067	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*i	—	—	0.067	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	Y	0.25	2	0.067*i	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	Y	0.241	2	0.067*i	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	—	—	0.067	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	—	—	0.067	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	—	—	0.067	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	—	—	0.067	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	—	—	0.067	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	—	—	0.067	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	—	—	0.067	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	—	—	0.067	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	—	—	0.067	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	—	—	0.067	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	—	—	0.067	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	INORGANIC	SW-846:7470A	Mercury	Hg	N	0.067	2	0.067*r	—	—	0.067	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	5.13	—	2.35	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	8.41	—	2.35	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1692	CALA-20-199161	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	10.8	—	2.35	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	5.23	—	2.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.514	—	2.35	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	6.07	—	2.35	—	—	0.05	mg/L	Y	—	J	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.18	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.21	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.18	—	2.39	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.22	—	2.39	—	—	0.05	mg/L	Y	—	J+	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.67	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	3.72	—	2.39	—	—	0.05	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	13.9	—	38.6*i	16.7	75.9	—	pCi/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	13.2	—	38.6*i	19.2	79.1	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-0.572	—	38.6*i	15.9	59.6	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	40.7	—	38.6*i	26.0	73.6	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-33.9	—	38.6*i	17.7	55.7	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-0.0674	—	38.6*i	19.0	71.9	—	pCi/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	21.6	—	35.6*r	23.8	42.1	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	4.69	—	35.6*r	13.4	37.4	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-7.93	—	35.6*r	18.6	66.9	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-26.4	—	35.6*r	14.7	51.7	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	9.78	—	35.6*r	16.6	30.9	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	1.1	—	35.6*r	26.8	42.6	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.2	—	3.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	8.41	—	3.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.8	—	3.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	7.84	—	3.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.35	—	3.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	9.79	—	3.14	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.95	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.03	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.79	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.33	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	8.02	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	7.87	—	4.18	—	—	0.11	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	200	8.39*i	—	—	2.0	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	200	8.39*i	—	—	2.0	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	200	8.39*i	—	—	2.0	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	200	8.39*i	—	—	2.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	200	8.39*i	—	—	2.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	200	8.39*i	—	—	2.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	—	—	2.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	—	—	2.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	—	—	2.0	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	—	—	2.0	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	—	—	2.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Manganese	Mn	N	2.0	200	12.1*r	—	—	2.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.46	1000	2.90	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.385	1000	2.90	—	—	0.2	µg/L	Y	J	J	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	18.2	1000	2.90	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.22	1000	2.90	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.96	1000	2.90	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	144.0	1000	2.90	—	—	1.0	µg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.72	1000	2.50	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.84	1000	2.50	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	0.565	1000	2.50	—	—	0.2	µg/L	Y	J	J	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.63	1000	2.50	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.28	1000	2.50	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Molybdenum	Mo	Y	1.28	1000	2.50	—	—	0.2	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	7.97	15	18.20	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.1	15	18.20	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.9	15	18.20	—	—	0.1	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.4	15	18.20	—	—	0.1	mg/L	Y	—	J-	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.2	15	18.20	—	—	0.1	mg/L	Y	—	J-	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	19.6	15	18.20	—	—	0.1	mg/L	Y	—	J	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.47	15	16.00	—	—	0.1	mg/L	Y	—	J-	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.49	15	16.00	—	—	0.1	mg/L	Y	—	J-	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.1	15	16.00	—	—	0.1	mg/L	Y	N	NQ	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.2	15	16.00	—	—	0.1	mg/L	Y	N	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	18.6	15	16.00	—	—	0.1	mg/L	Y	—	J-	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	18.4	15	16.00	—	—	0.1	mg/L	Y	—	J-	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0	—	2.02*i	1.2	4.85	—	pCi/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.927	—	2.02*i	1.46	5.46	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.38	—	2.02*i	1.16	5.01	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.41	—	2.02*i	1.38	5.01	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.982	—	2.02*i	1.4	4.85	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.29	—	2.02*i	1.33	4.21	—	pCi/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.918	—	1.93*r	1.24	4.29	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.0107	—	1.93*r	1.21	4.73	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.48	—	1.93*r	1.52	4.92	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.945	—	1.93*r	0.982	3.62	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.279	—	1.93*r	1.19	4.26	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.521	—	1.93*r	1.05	4.32	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0368	—	0.0606*i	—	—	0.017	mg/L	Y	J	U	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0257	—	0.0606*i	—	—	0.017	mg/L	Y	J	U	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0454	—	0.0606*i	—	—	0.017	mg/L	Y	J	U	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0907	—	0.0606*i	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0445	—	0.0606*i	—	—	0.017	mg/L	Y	J	J	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	0.0606*i	—	—	0.017	mg/L	Y	U	U	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.043	—	0.1*r	—	—	0.017	mg/L	Y	J	J	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.102	—	0.1*r	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0869	—	0.1*r	—	—	0.017	mg/L	Y	—	U	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0465	—	0.1*r	—	—	0.017	mg/L	Y	J	U	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0759	—	0.1*r	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0338	—	0.1*r	—	—	0.017	mg/L	Y	J	J	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	3.65	—	—	0.6	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	3.65	—	—	0.6	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	1.0	200	3.65	—	—	0.6	µg/L	Y	J	J	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	5.4	200	3.65	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	0.673	200	3.65	—	—	0.6	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	2.77	200	3.65	—	—	0.6	µg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.90	—	—	0.6	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.90	—	—	0.6	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.90	—	—	0.6	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.90	—	—	0.6	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.90	—	—	0.6	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Nickel	Ni	N	0.6	200	2.90	—	—	0.6	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.62	10	0.46	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.64	10	0.46	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.43	10	0.46	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.258	10	0.46	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.25	10	0.46	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.4	10	0.46	—	—	0.085	mg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.269	10	0.77	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.27	10	0.77	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.161	10	0.77	—	—	0.017	mg/L	Y	—	U	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	N	0.632	10	0.77	—	—	0.017	mg/L	Y	—	U	N3B-2020-1635	CALA-20-199310	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.613	10	0.77	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.614	10	0.77	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.45	—	5.84*i	2.26	7.97	—	pCi/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.83	—	5.84*i	2.58	9.79	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.867	—	5.84*i	2.67	9.68	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	1.94	—	5.84*i	2.8	10.0	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.25	—	5.84*i	2.73	9.08	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.749	—	5.84*i	2.44	9.11	—	pCi/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.27	—	4.72*r	2.44	8.39	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.806	—	4.72*r	2.13	8.09	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.01	—	4.72*r	2.62	9.6	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.26	—	4.72*r	2.26	8.98	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.96	—	4.72*r	2.21	8.31	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.65	—	4.72*r	2.16	8.11	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*i	—	—	0.5	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*i	—	—	0.5	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*i	—	—	0.5	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*i	—	—	0.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*i	—	—	0.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*i	—	—	0.5	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	—	—	0.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	—	—	0.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	—	—	0.5	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	—	—	0.5	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	—	—	0.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Lead	Pb	N	0.5	15	0.5*r	—	—	0.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	70	—	—	—	—	ng/L	—	U	—	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	70	—	—	—	—	ng/L	—	U	—	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	70	—	—	—	—	ng/L	—	U	—	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	Y	30.11	70	—	—	—	—	ng/L	—	—	—	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	70	—	—	—	—	ng/L	—	U	—	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	Y	2.06	70	—	—	—	—	ng/L	—	—	—	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	70	—	—	—	—	ng/L	—	U	—	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	Y	0.842	70	—	—	—	—	ng/L	—	J	—	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	70	—	—	—	—	ng/L	—	U	—	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	70	—	—	—	—	ng/L	—	U	—	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	70	—	—	—	—	ng/L	—	U	—	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0.0	70	—	—	—	—	ng/L	—	U	—	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	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-3.2	153.3	09/02/2020	WG	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-3.2a	181.4	09/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.97	—	—	—	—	0.01	SU	Y	H	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	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
R-6i	602.0	08/25/2020	WG	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
TA-53i	600.0	09/11/2020	WG	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
R-6	1205.0	08/25/2020	WG	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	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.33	—	—	—	—	0.01	SU	Y	H	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.3	—	—	—	—	0.01	SU	Y	H	NQ	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.96	—	—	—	—	0.01	SU	Y	H	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.27	—	—	—	—	0.01	SU	Y	H	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.26	—	—	—	—	0.01	SU	Y	H	NQ	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0496	—	0.178*i	—	—	0.02	mg/L	Y	J	J	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.12	—	0.178*i	—	—	0.02	mg/L	Y	—	U	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.129	—	0.178*i	—	—	0.02	mg/L	Y	—	U	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0346	—	0.178*i	—	—	0.02	mg/L	Y	J	U	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0688	—	0.178*i	—	—	0.02	mg/L	Y	—	U	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0888	—	0.178*i	—	—	0.02	mg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	0.0822*r	—	—	0.02	mg/L	Y	U	U	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0212	—	0.0822*r	—	—	0.02	mg/L	Y	J	U	N3B-2020-1606	CALA-20-199295	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0602	—	0.0822*r	—	—	0.02	mg/L	Y	—	U	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0559	—	0.0822*r	—	—	0.02	mg/L	Y	—	U	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.02	—	0.0822*r	—	—	0.02	mg/L	Y	U	U	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0219	—	0.0822*r	—	—	0.02	mg/L	Y	J	U	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00451	—	0.00732*i	0.00958	0.0491	—	pCi/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00847	—	0.00732*i	0.0134	0.0921	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00793	—	0.00732*i	0.0142	0.0574	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.031	—	0.00732*i	0.017	0.0573	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00985	—	0.00732*i	0.00603	0.0454	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00708	—	0.00732*i	0.00708	0.0769	—	pCi/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.000000000997	—	0.00994*r	0.00733	0.0552	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00537	—	0.00994*r	0.00849	0.0496	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0	—	0.00994*r	0.00882	0.0513	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00242	—	0.00994*r	0.00803	0.0526	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	Y	0.0645	—	0.00994*r	0.0171	0.0596	—	pCi/L	Y	—	NQ	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0329	—	0.00994*r	0.0168	0.0607	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00677	—	0.0132*i	0.0113	0.0664	—	pCi/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00424	—	0.0132*i	0.0153	0.125	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0185	—	0.0132*i	0.0137	0.0778	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0155	—	0.0132*i	0.0128	0.0575	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0123	—	0.0132*i	0.0128	0.0456	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0142	—	0.0132*i	0.0112	0.104	—	pCi/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0329	—	0.0171*r	0.0143	0.0554	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0376	—	0.0171*r	0.0126	0.0497	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0165	—	0.0171*r	0.00972	0.0694	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0411	—	0.0171*r	0.0116	0.0712	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0129	—	0.0171*r	0.0137	0.0597	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00000000548	—	0.0171*r	0.0154	0.0609	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.512	5	—	0.181	0.472	—	pCi/L	Y	—	NQ	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.348	5	—	0.15	0.428	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.381	5	—	0.196	0.603	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.372	5	—	0.198	0.632	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.0243	5	—	0.0807	0.326	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.549	5	—	0.194	0.506	—	pCi/L	Y	—	NQ	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.765	5	—	0.16	0.325	—	pCi/L	Y	—	NQ	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.1	5	—	0.1	0.37	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.634	5	—	0.181	0.347	—	pCi/L	Y	—	NQ	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.263	5	—	0.196	0.671	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.971	5	—	0.248	0.537	—	pCi/L	Y	—	NQ	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.882	5	—	0.225	0.488	—	pCi/L	Y	—	NQ	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.788	5	—	0.23	—	—	pCi/L	Y	—	NQ	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.348	5	—	0.198	—	—	pCi/L	Y	—	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.479	5	—	0.276	—	—	pCi/L	Y	—	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.372	5	—	0.321	—	—	pCi/L	Y	—	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.0243	5	—	0.174	—	—	pCi/L	Y	—	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.742	5	—	0.28	—	—	pCi/L	Y	—	NQ	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.765	5	—	0.21	—	—	pCi/L	Y	—	NQ	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.216	5	—	0.19	—	—	pCi/L	Y	—	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	0.886	5	—	0.261	—	—	pCi/L	Y	—	NQ	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	N	0.263	5	—	0.31	—	—	pCi/L	Y	—	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.34	5	—	0.317	—	—	pCi/L	Y	—	NQ	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	RAD	Generic:Radium by Calculation	Radium-226 and Radium-228	Ra-226+228	Y	1.36	5	—	0.341	—	—	pCi/L	Y	—	NQ	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.277	5	—	0.143	0.46	—	pCi/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.15	5	—	0.13	0.523	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.098	5	—	0.193	0.688	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.0597	5	—	0.253	0.914	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.208	5	—	0.154	0.621	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.192	5	—	0.201	0.689	—	pCi/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.323	5	—	0.135	0.582	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.116	5	—	0.162	0.57	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.252	5	—	0.187	0.631	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	-0.491	5	—	0.241	0.918	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.366	5	—	0.198	0.645	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	N	0.478	5	—	0.257	0.837	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	6	1*i	—	—	1.0	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	6	1*i	—	—	1.0	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	6	1*i	—	—	1.0	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	6	1*i	—	—	1.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	6	1*i	—	—	1.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	6	1*i	—	—	1.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	—	—	1.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	—	—	1.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	—	—	1.0	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	—	—	1.0	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	—	—	1.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Antimony	Sb	N	1.0	6	1*r	—	—	1.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*i	—	—	2.0	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*i	—	—	2.0	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*i	—	—	2.0	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*i	—	—	2.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*i	—	—	2.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*i	—	—	2.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	—	—	2.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	—	—	2.0	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	—	—	2.0	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	—	—	2.0	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	—	—	2.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Selenium	Se	N	2.0	50	1.5*r	—	—	2.0	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.8	—	75.00	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.4	—	75.00	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	70.9	—	75.00	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	58.5	—	75.00	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.9	—	75.00	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	63.8	—	75.00	—	—	0.053	mg/L	Y	—	J+	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.7	—	81.90	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.3	—	81.90	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	66.0	—	81.90	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	79.6	—	81.90	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.3	—	81.90	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	78.6	—	81.90	—	—	0.053	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.54	12000	13*i	—	—	2.5	µg/L	Y	J	U	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	12000	13*i	—	—	2.5	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	25.0	12000	13*i	—	—	25.0	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	12000	13*i	—	—	2.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	3.41	12000	13*i	—	—	2.5	µg/L	Y	J	U	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	7.83	12000	13*i	—	—	2.5	µg/L	Y	J	J	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	—	—	2.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	—	—	2.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	7.35	12000	13*r	—	—	2.5	µg/L	Y	J	U	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	9.45	12000	13*r	—	—	2.5	µg/L	Y	J	U	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	12000	13*r	—	—	2.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Tin	Sn	N	2.67	12000	13*r	—	—	2.5	µg/L	Y	J	U	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.37	600	7.10	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	16.3	600	7.10	—	—	0.133	mg/L	Y	—	J+	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	14.3	600	7.10	—	—	0.133	mg/L	Y	—	J+	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.7	600	7.10	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.7	600	7.10	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	34.2	600	7.10	—	—	1.33	mg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.15	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.16	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.6	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.5	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.6	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.6	600	4.59	—	—	0.133	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	103.0	—	—	—	—	1.0	µs/cm	Y	—	NQ	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	324.0	—	—	—	—	1.0	µs/cm	Y	—	NQ	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	295.0	—	—	—	—	1.0	µs/cm	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	208.0	—	—	—	—	1.0	µs/cm	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	108.0	—	—	—	—	1.0	µs/cm	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	418.0	—	—	—	—	1.0	µs/cm	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	136.0	—	—	—	—	1.0	µs/cm	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	135.0	—	—	—	—	1.0	µs/cm	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	123.0	—	—	—	—	1.0	µs/cm	Y	—	NQ	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	185.0	—	—	—	—	1.0	µs/cm	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	248.0	—	—	—	—	1.0	µs/cm	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	246.0	—	—	—	—	1.0	µs/cm	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	41.0	11800	59.60	—	—	1.0	µg/L	Y	—	NQ	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	143.0	11800	59.60	—	—	1.0	µg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	171.0	11800	59.60	—	—	1.0	µg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	96.4	11800	59.60	—	—	1.0	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	82.6	11800	59.60	—	—	1.0	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	276.0	11800	59.60	—	—	1.0	µg/L	Y	—	J	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	55.5	11800	157.00	—	—	1.0	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	56.0	11800	157.00	—	—	1.0	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	50.5	11800	157.00	—	—	1.0	µg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	72.3	11800	157.00	—	—	1.0	µg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	199.0	11800	157.00	—	—	1.0	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	198.0	11800	157.00	—	—	1.0	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.138	8	0.282*i	0.079	0.26	—	pCi/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.172	8	0.282*i	0.146	0.49	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.16	8	0.282*i	0.0797	0.29	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.288	8	0.282*i	0.129	0.496	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.15	8	0.282*i	0.138	0.496	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.201	8	0.282*i	0.129	0.43	—	pCi/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0802	8	0.355*r	0.14	0.492	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.2	8	0.355*r	0.146	0.49	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.152	8	0.355*r	0.141	0.486	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.291	8	0.355*r	0.151	0.494	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0102	8	0.355*r	0.139	0.488	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.00883	8	0.355*r	0.142	0.494	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	166.0	1000	135*i	—	—	3.4	mg/L	Y	—	J	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	369.0	1000	135*i	—	—	3.4	mg/L	Y	—	J	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	190.0	1000	135*i	—	—	3.4	mg/L	Y	—	J	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	141.0	1000	135*i	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	186.0	1000	135*i	—	—	3.4	mg/L	Y	—	J	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	293.0	1000	135*i	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	153.0	1000	161.00	—	—	3.4	mg/L	Y	—	J	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	147.0	1000	161.00	—	—	3.4	mg/L	Y	—	J	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	156.0	1000	161.00	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	171.0	1000	161.00	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	191.0	1000	161.00	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	181.0	1000	161.00	—	—	3.4	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	—	—	deg C	Y	—	NQ	N3B-2020-1683	CALA-20-199157	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2.0	—	—	—	—	—	deg C	Y	—	NQ	N3B-2020-1683	CALA-20-199158	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	09/02/2020	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	—	—	deg C	Y	—	NQ	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	—	—	deg C	Y	—	NQ	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	—	—	deg C	Y	—	NQ	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	—	—	deg C	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	—	—	deg C	Y	—	NQ	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	—	—	deg C	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	—	—	deg C	Y	—	NQ	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	—	—	deg C	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	—	—	—	deg C	Y	—	NQ	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4.0	—	—	—	—	—	deg C	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	—	—	deg C	Y	—	NQ	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	—	—	deg C	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	—	—	deg C	Y	—	NQ	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	—	—	deg C	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	—	—	deg C	Y	—	NQ	N3B-2020-1635	CALA-20-199306	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	—	—	deg C	Y	—	NQ	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	—	—	deg C	Y	—	NQ	N3B-2020-1635	CALA-20-199309	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	—	—	deg C	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	—	—	deg C	Y	—	NQ	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	—	—	deg C	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	—	—	deg C	Y	—	NQ	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3.0	—	—	—	—	—	deg C	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.173*i	—	—	0.033	mg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.567	—	0.173*i	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.173*i	—	—	0.033	mg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.173*i	—	—	0.033	mg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.173*i	—	—	0.033	mg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0809	—	0.173*i	—	—	0.033	mg/L	Y	J	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	—	—	0.033	mg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.081	—	0.165*r	—	—	0.033	mg/L	Y	J	J+	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	—	—	0.033	mg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0374	—	0.165*r	—	—	0.033	mg/L	Y	J	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	0.165*r	—	—	0.033	mg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0453	—	0.165*r	—	—	0.033	mg/L	Y	J	J+	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*i	—	—	0.6	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*i	—	—	0.6	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*i	—	—	0.6	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*i	—	—	0.6	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*i	—	—	0.6	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*i	—	—	0.6	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	—	—	0.6	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	—	—	0.6	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	—	—	0.6	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	—	—	0.6	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	—	—	0.6	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Thallium	Tl	N	0.6	2	0.45*r	—	—	0.6	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.353	—	1.35	—	—	0.33	mg/L	Y	J	J+	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.858	—	1.35	—	—	0.33	mg/L	Y	J	J	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	1.38	—	1.35	—	—	0.33	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.763	—	1.35	—	—	0.33	mg/L	Y	J	J	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.347	—	1.35	—	—	0.33	mg/L	Y	J	J	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	1.54	—	1.35	—	—	0.33	mg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	—	—	0.33	mg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	—	—	0.33	mg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.526	—	1.08	—	—	0.33	mg/L	Y	J	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.404	—	1.08	—	—	0.33	mg/L	Y	J	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	—	—	0.33	mg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	N	0.33	—	1.08	—	—	0.33	mg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.308	30	0.99	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.82	30	0.99	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.83	30	0.99	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.576	30	0.99	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.279	30	0.99	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.67	30	0.99	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.299	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	0.292	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.602	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.6	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	1.84	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	INORGANIC	SW-846:6020B	Uranium	U	Y	1.8	30	1.19	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.301	27.2	0.48	0.0505	0.137	—	pCi/L	Y	—	NQ	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.577	27.2	0.48	0.064	0.124	—	pCi/L	Y	—	NQ	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.741	27.2	0.48	0.0612	0.0986	—	pCi/L	Y	—	NQ	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.181	27.2	0.48	0.0267	0.0557	—	pCi/L	Y	—	NQ	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.228	27.2	0.48	0.04	0.0811	—	pCi/L	Y	—	NQ	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.53	27.2	0.48	0.0731	0.0792	—	pCi/L	Y	—	NQ	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.281	27.2	0.72	0.0441	0.0928	—	pCi/L	Y	—	NQ	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.17	27.2	0.72	0.0354	0.0866	—	pCi/L	Y	—	NQ	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.429	27.2	0.72	0.0507	0.103	—	pCi/L	Y	—	NQ	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.405	27.2	0.72	0.0476	0.104	—	pCi/L	Y	—	NQ	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.19	27.2	0.72	0.07	0.0681	—	pCi/L	Y	—	NQ	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.18	27.2	0.72	0.0625	0.0547	—	pCi/L	Y	—	NQ	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0817	28.8	0.0203*i	0.0292	0.0903	—	pCi/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0741	28.8	0.0203*i	0.0249	0.0819	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.053	28.8	0.0203*i	0.0189	0.065	—	pCi/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.00377	28.8	0.0203*i	0.00652	0.0429	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0124	28.8	0.0203*i	0.0112	0.0634	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0418	28.8	0.0203*i	0.0167	0.0514	—	pCi/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.0000708	28.8	0.0423*r	0.0118	0.0725	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	-0.00674	28.8	0.0423*r	0.012	0.0676	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0215	28.8	0.0423*r	0.0163	0.068	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0186	28.8	0.0423*r	0.0128	0.0686	—	pCi/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0138	28.8	0.0423*r	0.0153	0.0525	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0407	28.8	0.0423*r	0.0161	0.0422	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.308	30	0.20	0.0468	0.122	—	pCi/L	Y	—	NQ	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.525	30	0.20	0.0572	0.111	—	pCi/L	Y	—	NQ	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.615	30	0.20	0.0547	0.0882	—	pCi/L	Y	—	NQ	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.11	30	0.20	0.024	0.0506	—	pCi/L	Y	—	NQ	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.0898	30	0.20	0.0266	0.0739	—	pCi/L	Y	—	NQ	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.618	30	0.20	0.0469	0.0707	—	pCi/L	Y	—	NQ	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.109	30	0.34	0.0276	0.0845	—	pCi/L	Y	—	NQ	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	N	0.0745	30	0.34	0.0255	0.0788	—	pCi/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.204	30	0.34	0.0341	0.0922	—	pCi/L	Y	—	NQ	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.161	30	0.34	0.0309	0.093	—	pCi/L	Y	—	NQ	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.63	30	0.34	0.0502	0.0619	—	pCi/L	Y	—	NQ	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.623	30	0.34	0.044	0.0497	—	pCi/L	Y	—	NQ	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	N	1.0	63.1	9.29	—	—	1.0	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	N	1.0	63.1	9.29	—	—	1.0	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	N	1.0	63.1	9.29	—	—	1.0	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.77	63.1	9.29	—	—	1.0	µg/L	Y	J	J	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.4	63.1	9.29	—	—	1.0	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	N	1.0	63.1	9.29	—	—	1.0	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	9.76	63.1	11.40	—	—	1.0	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	9.62	63.1	11.40	—	—	1.0	µg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.16	63.1	11.40	—	—	1.0	µg/L	Y	J	J	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	12.3	63.1	11.40	—	—	1.0	µg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC

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

Location ID	Screen Depth (ft)	Sample Date	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Screening Value	Background	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	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	12.7	63.1	11.40	—	—	1.0	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	12.6	63.1	11.40	—	—	1.0	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	193	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1683	CALA-20-199157	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	193	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	193	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1692	CALA-20-199164	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	193	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	193	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	193	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	193	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	193	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	193	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199306	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	193	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199309	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	193	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Xylene[1,3-]+Xylene[1,4-]	Xylene[m+p]	N	0.3	193	—	—	—	0.3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10.4	10000	17.4*i	—	—	3.3	µg/L	Y	J	U	N3B-2020-1683	CALA-20-199158	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10.8	10000	17.4*i	—	—	3.3	µg/L	Y	J	U	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	11.7	10000	17.4*i	—	—	3.3	µg/L	Y	J	U	N3B-2020-1692	CALA-20-199165	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.86	10000	17.4*i	—	—	3.3	µg/L	Y	J	J	N3B-2020-1614	CALA-20-199168	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	10.6	10000	17.4*i	—	—	3.3	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199171	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	4.47	10000	17.4*i	—	—	3.3	µg/L	Y	J	U	N3B-2020-1746	CASA-20-199320	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	17.7	10000	14.4*r	—	—	3.3	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	6.57	10000	14.4*r	—	—	3.3	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199295	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	3.31	10000	14.4*r	—	—	3.3	µg/L	Y	J	J	N3B-2020-1635	CALA-20-199307	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	10000	14.4*r	—	—	3.3	µg/L	Y	U	U	N3B-2020-1635	CALA-20-199310	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.82	10000	14.4*r	—	—	3.3	µg/L	Y	J	J	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	8.97	10000	14.4*r	—	—	3.3	µg/L	Y	J	J	N3B-2020-1614	CALA-20-199316	GELC

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAOI(a)-1.1	295.2	09/01/2020	WG	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	WG	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	WG	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	09/21/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.22	—	—	0.01	SU	Y	H	NQ	2017-2882	CALA-17-143817	GELC
LAOI(a)-1.1	295.2	08/25/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.36	—	—	0.01	SU	Y	H	NQ	2016-2199	CALA-16-124863	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	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	WG	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	WG	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	09/21/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	43.1	—	—	1.45	mg/L	Y	—	NQ	2017-2882	CALA-17-143817	GELC
LAOI(a)-1.1	295.2	08/25/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	48.2	—	—	1.45	mg/L	Y	—	NQ	2016-2199	CALA-16-124863	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	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	WG	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	WG	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	09/21/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00000000306	0.0127	0.0645	—	pCi/L	Y	U	U	2017-2882	CALA-17-143813	GELC
LAOI(a)-1.1	295.2	08/25/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00000000519	0.0194	0.0852	—	pCi/L	Y	U	U	2016-2199	CALA-16-124847	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	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	WG	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	WG	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	09/21/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	8.61	—	—	1	µg/L	Y	—	NQ	2017-2882	CALA-17-143817	GELC
LAOI(a)-1.1	295.2	08/25/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	169	—	—	1	µg/L	Y	—	NQ	2016-2199	CALA-16-124863	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	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	WG	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	WG	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	09/21/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	6.94	—	—	0.05	mg/L	Y	—	NQ	2017-2882	CALA-17-143817	GELC
LAOI(a)-1.1	295.2	08/25/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.5	—	—	0.05	mg/L	Y	—	NQ	2016-2199	CALA-16-124863	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	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	WG	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	WG	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	09/21/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.346	1.53	4.99	—	pCi/L	Y	U	U	2017-2882	CALA-17-143813	GELC
LAOI(a)-1.1	295.2	08/25/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.314	0.827	3.13	—	pCi/L	Y	U	U	2016-2199	CALA-16-124847	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	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	WG	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	WG	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	09/21/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.16	—	—	0.067	mg/L	Y	—	NQ	2017-2882	CALA-17-143817	GELC
LAOI(a)-1.1	295.2	08/25/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.26	—	—	0.067	mg/L	Y	—	NQ	2016-2199	CALA-16-124863	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	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	WG	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	WG	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	09/21/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.53	1.25	4.47	—	pCi/L	Y	U	U	2017-2882	CALA-17-143813	GELC
LAOI(a)-1.1	295.2	08/25/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.549	0.676	2.96	—	pCi/L	Y	U	U	2016-2199	CALA-16-124847	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	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	WG	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	WG	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	09/21/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0458	—	—	0.033	mg/L	Y	J	J	2017-2882	CALA-17-143817	GELC
LAOI(a)-1.1	295.2	08/25/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0713	—	—	0.033	mg/L	Y	J	J	2016-2199	CALA-16-124863	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	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	WG	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	WG	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	09/21/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	9.35	1.81	2.96	—	pCi/L	Y	—	NQ	2017-2882	CALA-17-143813	GELC
LAOI(a)-1.1	295.2	08/25/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	11.9	0.883	1.89	—	pCi/L	Y	—	NQ	2016-2199	CALA-16-124847	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	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	WG	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	WG	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	09/21/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	8.32	1.18	2.46	—	pCi/L	Y	—	NQ	2017-2882	CALA-17-143813	GELC
LAOI(a)-1.1	295.2	08/25/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	9.75	1.19	2.55	—	pCi/L	Y	—	NQ	2016-2199	CALA-16-124847	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	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	WG	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	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	24.9	—	—	0.453	mg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160738	GELC

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAOI(a)-1.1	295.2	09/21/2017	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	25.9	—	—	0.453	mg/L	Y	—	NQ	2017-2882	CALA-17-143817	GELC
LAOI(a)-1.1	295.2	08/25/2016	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	87.8	—	—	0.453	mg/L	Y	—	NQ	2016-2199	CALA-16-124863	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	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	WG	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	WG	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	09/21/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.08	—	—	0.11	mg/L	Y	—	NQ	2017-2882	CALA-17-143817	GELC
LAOI(a)-1.1	295.2	08/25/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	7.07	—	—	0.11	mg/L	Y	—	NQ	2016-2199	CALA-16-124863	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	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	WG	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	WG	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	09/21/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.48	—	—	0.2	µg/L	Y	—	NQ	2017-2882	CALA-17-143817	GELC
LAOI(a)-1.1	295.2	08/25/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.43	—	—	0.165	µg/L	Y	—	J	2016-2199	CALA-16-124863	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	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	WG	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	WG	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	09/21/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.8	2.69	10	—	pCi/L	Y	U	U	2017-2882	CALA-17-143813	GELC
LAOI(a)-1.1	295.2	08/25/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-3.28	1.81	5.58	—	pCi/L	Y	U	U	2016-2199	CALA-16-124847	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	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	WG	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	WG	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	09/21/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.681	—	—	0.017	mg/L	Y	—	NQ	2017-2882	CALA-17-143817	GELC
LAOI(a)-1.1	295.2	08/25/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.529	—	—	0.017	mg/L	Y	—	NQ	2016-2199	CALA-16-124863	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	LCMS/MS PERCHLORATE	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	WG	F	INIT	REG	LCMS/MS PERCHLORATE	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	WG	F	INIT	REG	LCMS/MS PERCHLORATE	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	09/21/2017	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.401	—	—	0.05	µg/L	Y	—	NQ	2017-2882	CALA-17-143817	GELC
LAOI(a)-1.1	295.2	08/25/2016	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.307	—	—	0.05	µg/L	Y	—	NQ	2016-2199	CALA-16-124863	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	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	WG	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	WG	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	09/21/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0133	0.00992	0.0769	—	pCi/L	Y	U	U	2017-2882	CALA-17-143813	GELC
LAOI(a)-1.1	295.2	08/25/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00411	0.0207	0.0794	—	pCi/L	Y	U	U	2016-2199	CALA-16-124847	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	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	WG	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	WG	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	09/21/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00887	0.0154	0.0997	—	pCi/L	Y	U	U	2017-2882	CALA-17-143813	GELC
LAOI(a)-1.1	295.2	08/25/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.000304	0.0204	0.1	—	pCi/L	Y	U	U	2016-2199	CALA-16-124847	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	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	WG	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	WG	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	09/21/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	5.25	—	—	0.05	mg/L	Y	—	NQ	2017-2882	CALA-17-143817	GELC
LAOI(a)-1.1	295.2	08/25/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.69	—	—	0.05	mg/L	Y	—	NQ	2016-2199	CALA-16-124863	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	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	WG	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
LAOI(a)-1.1	295.2	09/06/2018	WG	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	09/21/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	2.97	19.7	75	—	pCi/L	Y	U	U	2017-2882	CALA-17-143813	GELC
LAOI(a)-1.1	295.2	08/25/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-23.6	11	36.9	—	pCi/L	Y	U	U	2016-2199	CALA-16-124847	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	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	WG	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	WG	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	WG	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	11/01/1995	WG	UF	INIT	REG	RAD	Generic:Gamma Spec.	Radium-226	Ra-226	N	1270	—	1270	—	pCi/L	Y	U	U	1494	0402-95-0420	RGGJ
LAOI(a)-1.1	295.2	05/18/1995	WG	UF	INIT	REG	RAD	Generic:Gamma Spec.	Radium-226	Ra-226	N	88.6	—	—	—	pCi/L	Y	U	R	290	0402-95-0360	RGGJ
LAOI(a)-1.1	295.2	09/01/2020	WG	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	09/01/2020	WG	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	WG	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	09/01/2020	WG	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	WG	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

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAOI(a)-1.1	295.2	09/06/2018	WG	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	09/21/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.7	—	—	0.053	mg/L	Y	—	NQ	2017-2882	CALA-17-143817	GELC
LAOI(a)-1.1	295.2	08/25/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.2	—	—	0.053	mg/L	Y	—	NQ	2016-2199	CALA-16-124863	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	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	WG	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	WG	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	09/21/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.74	—	—	0.1	mg/L	Y	—	NQ	2017-2882	CALA-17-143817	GELC
LAOI(a)-1.1	295.2	08/25/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.5	—	—	0.1	mg/L	Y	—	NQ	2016-2199	CALA-16-124863	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	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	WG	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	WG	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	09/21/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-3.29	1.49	4.32	—	pCi/L	Y	U	U	2017-2882	CALA-17-143813	GELC
LAOI(a)-1.1	295.2	08/25/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.322	0.687	2.66	—	pCi/L	Y	U	U	2016-2199	CALA-16-124847	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	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	WG	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	WG	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	09/21/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	114	—	—	1	µS/cm	Y	—	NQ	2017-2882	CALA-17-143817	GELC
LAOI(a)-1.1	295.2	08/25/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	104	—	—	3.63	µS/cm	Y	—	NQ	2016-2199	CALA-16-124863	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	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	WG	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	WG	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	09/21/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	39.1	—	—	1	µg/L	Y	—	NQ	2017-2882	CALA-17-143817	GELC
LAOI(a)-1.1	295.2	08/25/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	183	—	—	1	µg/L	Y	—	NQ	2016-2199	CALA-16-124863	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	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	WG	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	WG	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	09/21/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0482	0.0936	0.384	—	pCi/L	Y	U	U	2017-2882	CALA-17-143813	GELC
LAOI(a)-1.1	295.2	08/25/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0776	0.198	0.673	—	pCi/L	Y	U	U	2016-2199	CALA-16-124847	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	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	WG	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	WG	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	09/21/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	5.66	—	—	0.133	mg/L	Y	—	NQ	2017-2882	CALA-17-143817	GELC
LAOI(a)-1.1	295.2	08/25/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	4.64	—	—	0.133	mg/L	Y	—	NQ	2016-2199	CALA-16-124863	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1683	CALA-20-199158	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2020-1683	CALA-20-199157	GELC
LAOI(a)-1.1	295.2	09/10/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2019-3260	CALA-19-185289	GELC
LAOI(a)-1.1	295.2	09/10/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	5	—	—	—	deg C	Y	—	NQ	N3B-2019-3260	CALA-19-185290	GELC
LAOI(a)-1.1	295.2	09/06/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2018-3787	CALA-18-160738	GELC
LAOI(a)-1.1	295.2	09/06/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2018-3787	CALA-18-160739	GELC
LAOI(a)-1.1	295.2	09/21/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-2882	CALA-17-143813	GELC
LAOI(a)-1.1	295.2	09/21/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-2882	CALA-17-143817	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	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	WG	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	WG	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	09/21/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	114	—	—	3.4	mg/L	Y	—	NQ	2017-2882	CALA-17-143817	GELC
LAOI(a)-1.1	295.2	08/25/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	98.6	—	—	3.4	mg/L	Y	—	NQ	2016-2199	CALA-16-124863	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.353	—	—	0.33	mg/L	Y	J	J+	N3B-2020-1683	CALA-20-199157	GELC
LAOI(a)-1.1	295.2	09/10/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.353	—	—	0.33	mg/L	Y	J	J	N3B-2019-3260	CALA-19-185289	GELC
LAOI(a)-1.1	295.2	09/06/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2018-3787	CALA-18-160739	GELC
LAOI(a)-1.1	295.2	09/21/2017	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.356	—	—	0.33	mg/L	Y	J	J	2017-2882	CALA-17-143813	GELC
LAOI(a)-1.1	295.2	09/15/2015	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.338	—	—	0.33	mg/L	Y	J	J	2015-2337	CALA-15-103977	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	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
LAOI(a)-1.1	295.2	09/10/2019	WG	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	WG	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	09/21/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.041	—	—	0.02	mg/L	Y	J	U	2017-2882	CALA-17-143817	GELC
LAOI(a)-1.1	295.2	08/25/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.05	—	—	0.02	mg/L	Y	U	U	2016-2199	CALA-16-124863	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	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	09/06/2018	WG	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

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAOI(a)-1.1	295.2	09/21/2017	WG	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	08/25/2016	WG	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	09/15/2015	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.583	0.7	2.324	—	pCi/L	Y	U	U	2015-2347	CALA-15-103977	ARSL
LAOI(a)-1.1	295.2	09/01/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Uranium	U	Y	0.308	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1683	CALA-20-199158	GELC
LAOI(a)-1.1	295.2	09/10/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.26	—	—	0.067	µg/L	Y	—	NQ	N3B-2019-3260	CALA-19-185290	GELC
LAOI(a)-1.1	295.2	09/06/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.295	—	—	0.067	µg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160738	GELC
LAOI(a)-1.1	295.2	09/21/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.171	—	—	0.067	µg/L	Y	J	J	2017-2882	CALA-17-143817	GELC
LAOI(a)-1.1	295.2	08/25/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.285	—	—	0.067	µg/L	Y	—	NQ	2016-2199	CALA-16-124863	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	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	WG	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	WG	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	09/21/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.612	0.0643	0.121	—	pCi/L	Y	—	NQ	2017-2882	CALA-17-143813	GELC
LAOI(a)-1.1	295.2	08/25/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.65	0.0613	0.201	—	pCi/L	Y	—	NQ	2016-2199	CALA-16-124847	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	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	WG	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	WG	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	09/21/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.199	0.0431	0.129	—	pCi/L	Y	—	NQ	2017-2882	CALA-17-143813	GELC
LAOI(a)-1.1	295.2	08/25/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.147	0.0328	0.193	—	pCi/L	Y	U	U	2016-2199	CALA-16-124847	GELC
LAOI(a)-1.1	295.2	09/01/2020	WG	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	WG	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	WG	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(a)-1.1	295.2	09/21/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.683	0.0685	0.117	—	pCi/L	Y	—	NQ	2017-2882	CALA-17-143813	GELC
LAOI(a)-1.1	295.2	08/25/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.748	0.065	0.201	—	pCi/L	Y	—	NQ	2016-2199	CALA-16-124847	GELC
LAOI-3.2	153.3	09/02/2020	WG	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	WG	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	WG	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	09/20/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.91	—	—	0.01	SU	Y	H	NQ	2017-2870	CALA-17-143818	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.98	—	—	0.01	SU	Y	H	NQ	2016-2179	CALA-16-124829	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.86	—	—	0.01	SU	Y	H	NQ	2016-2179	CALA-16-124864	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2	153.3	09/05/2019	WG	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	WG	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	09/20/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	76.6	—	—	1.45	mg/L	Y	—	NQ	2017-2870	CALA-17-143818	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	74.3	—	—	1.45	mg/L	Y	—	NQ	2016-2179	CALA-16-124829	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	75.3	—	—	1.45	mg/L	Y	—	NQ	2016-2179	CALA-16-124864	GELC
LAOI-3.2	153.3	09/02/2020	WG	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	WG	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	WG	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	09/20/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00999	0.00721	0.035	—	pCi/L	Y	U	U	2017-2870	CALA-17-143814	GELC
LAOI-3.2	153.3	08/24/2016	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00445	0.00629	0.0365	—	pCi/L	Y	U	U	2016-2179	CALA-16-124828	GELC
LAOI-3.2	153.3	08/24/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00578	0.00639	0.0316	—	pCi/L	Y	U	U	2016-2179	CALA-16-124848	GELC
LAOI-3.2	153.3	09/02/2020	WG	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	WG	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	WG	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	09/20/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	38.2	—	—	1	µg/L	Y	—	NQ	2017-2870	CALA-17-143818	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	37.2	—	—	1	µg/L	Y	—	NQ	2016-2179	CALA-16-124864	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	37.8	—	—	1	µg/L	Y	—	NQ	2016-2179	CALA-16-124829	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	17.1	—	—	15	µg/L	Y	J	J	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2	153.3	09/05/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-3231	CALA-19-185292	GELC
LAOI-3.2	153.3	09/05/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	18.1	—	—	15	µg/L	Y	J	J	N3B-2018-3761	CALA-18-160742	GELC
LAOI-3.2	153.3	09/20/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	2017-2870	CALA-17-143818	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2016-2179	CALA-16-124864	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2016-2179	CALA-16-124829	GELC
LAOI-3.2	153.3	09/02/2020	WG	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	WG	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	WG	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	09/20/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	1.33	—	—	0.067	mg/L	Y	—	NQ	2017-2870	CALA-17-143818	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.973	—	—	0.067	mg/L	Y	—	NQ	2016-2179	CALA-16-124864	GELC

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.96	—	—	0.067	mg/L	Y	—	NQ	2016-2179	CALA-16-124829	GELC
LAOI-3.2	153.3	09/02/2020	WG	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	WG	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	WG	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	09/20/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	25.6	—	—	0.05	mg/L	Y	—	NQ	2017-2870	CALA-17-143818	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	24.6	—	—	0.05	mg/L	Y	—	NQ	2016-2179	CALA-16-124864	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	24.7	—	—	0.05	mg/L	Y	—	NQ	2016-2179	CALA-16-124829	GELC
LAOI-3.2	153.3	09/02/2020	WG	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	WG	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	WG	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
LAOI-3.2	153.3	09/20/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.922	1.52	5.95	—	pCi/L	Y	U	U	2017-2870	CALA-17-143814	GELC
LAOI-3.2	153.3	08/24/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.312	2.39	3.34	—	pCi/L	Y	U	U	2016-2179	CALA-16-124828	GELC
LAOI-3.2	153.3	08/24/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.495	0.861	2.94	—	pCi/L	Y	U	U	2016-2179	CALA-16-124848	GELC
LAOI-3.2	153.3	09/02/2020	WG	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	WG	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	WG	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	09/20/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	28.2	—	—	0.335	mg/L	Y	—	NQ	2017-2870	CALA-17-143818	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	28.8	—	—	0.335	mg/L	Y	—	NQ	2016-2179	CALA-16-124829	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	28.5	—	—	0.335	mg/L	Y	—	NQ	2016-2179	CALA-16-124864	GELC
LAOI-3.2	153.3	09/02/2020	WG	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	WG	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	WG	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	09/20/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-4.26	1.42	3.59	—	pCi/L	Y	U	U	2017-2870	CALA-17-143814	GELC
LAOI-3.2	153.3	08/24/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.8	0.63	2.72	—	pCi/L	Y	U	U	2016-2179	CALA-16-124828	GELC
LAOI-3.2	153.3	08/24/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.381	0.811	2.95	—	pCi/L	Y	U	U	2016-2179	CALA-16-124848	GELC
LAOI-3.2	153.3	09/02/2020	WG	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	WG	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	WG	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	WG	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	WG	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	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	5.1	—	—	1.53	µg/L	Y	U	U	2015-2357	CALA-15-103978	GELC
LAOI-3.2	153.3	09/03/2014	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	12.3	—	—	3.7	µg/L	Y	U	U	2014-4474	CALA-14-86011	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.133	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2	153.3	09/05/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2019-3231	CALA-19-185292	GELC
LAOI-3.2	153.3	09/05/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2018-3761	CALA-18-160742	GELC
LAOI-3.2	153.3	09/20/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	N	0.033	—	—	0.033	mg/L	Y	U	U	2017-2870	CALA-17-143818	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0372	—	—	0.033	mg/L	Y	J	J	2016-2179	CALA-16-124864	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0404	—	—	0.033	mg/L	Y	J	J	2016-2179	CALA-16-124829	GELC
LAOI-3.2	153.3	09/02/2020	WG	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	WG	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	WG	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	09/20/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.44	1.09	2.89	—	pCi/L	Y	—	NQ	2017-2870	CALA-17-143814	GELC
LAOI-3.2	153.3	08/24/2016	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.829	0.537	1.94	—	pCi/L	Y	U	U	2016-2179	CALA-16-124828	GELC
LAOI-3.2	153.3	08/24/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.136	0.57	1.92	—	pCi/L	Y	U	U	2016-2179	CALA-16-124848	GELC
LAOI-3.2	153.3	09/02/2020	WG	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	WG	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	WG	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	09/20/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	7.73	0.846	1.74	—	pCi/L	Y	—	NQ	2017-2870	CALA-17-143814	GELC
LAOI-3.2	153.3	08/24/2016	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	Y	13.1	1.29	2.39	—	pCi/L	Y	—	NQ	2016-2179	CALA-16-124828	GELC
LAOI-3.2	153.3	08/24/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	8.22	1.1	2.26	—	pCi/L	Y	—	NQ	2016-2179	CALA-16-124848	GELC
LAOI-3.2	153.3	09/02/2020	WG	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	WG	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	WG	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	09/20/2017	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	95	—	—	0.453	mg/L	Y	—	NQ	2017-2870	CALA-17-143818	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	89.9	—	—	0.453	mg/L	Y	—	NQ	2016-2179	CALA-16-124829	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	89.6	—	—	0.453	mg/L	Y	—	NQ	2016-2179	CALA-16-124864	GELC
LAOI-3.2	153.3	09/02/2020	WG	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	WG	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

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAOI-3.2	153.3	09/05/2018	WG	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	09/20/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	7.55	—	—	0.11	mg/L	Y	—	NQ	2017-2870	CALA-17-143818	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.86	—	—	0.11	mg/L	Y	—	NQ	2016-2179	CALA-16-124864	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.88	—	—	0.11	mg/L	Y	—	NQ	2016-2179	CALA-16-124829	GELC
LAOI-3.2	153.3	09/02/2020	WG	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	WG	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	WG	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	09/20/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.457	—	—	0.2	µg/L	Y	J	J	2017-2870	CALA-17-143818	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.511	—	—	0.165	µg/L	Y	—	NQ	2016-2179	CALA-16-124864	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.483	—	—	0.165	µg/L	Y	J	J	2016-2179	CALA-16-124829	GELC
LAOI-3.2	153.3	09/02/2020	WG	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	WG	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	WG	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	09/20/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.755	2.48	9.17	—	pCi/L	Y	U	U	2017-2870	CALA-17-143814	GELC
LAOI-3.2	153.3	08/24/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.3	1.85	6.73	—	pCi/L	Y	U	U	2016-2179	CALA-16-124828	GELC
LAOI-3.2	153.3	08/24/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.3	1.65	5.76	—	pCi/L	Y	U	U	2016-2179	CALA-16-124848	GELC
LAOI-3.2	153.3	09/02/2020	WG	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	WG	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	WG	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	09/20/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.15	—	—	0.085	mg/L	Y	—	NQ	2017-2870	CALA-17-143818	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.09	—	—	0.085	mg/L	Y	—	NQ	2016-2179	CALA-16-124829	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	2.09	—	—	0.085	mg/L	Y	—	NQ	2016-2179	CALA-16-124864	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	LCMS/MS PERCHLORATE	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	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	3.64	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-3231	CALA-19-185292	GELC
LAOI-3.2	153.3	09/05/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	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	09/20/2017	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	4.63	—	—	0.25	µg/L	Y	—	NQ	2017-2870	CALA-17-143818	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	4.78	—	—	0.5	µg/L	Y	—	NQ	2016-2179	CALA-16-124829	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	4.46	—	—	0.5	µg/L	Y	—	NQ	2016-2179	CALA-16-124864	GELC
LAOI-3.2	153.3	09/02/2020	WG	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	WG	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	WG	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	09/20/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00904	0.00904	0.0392	—	pCi/L	Y	U	U	2017-2870	CALA-17-143814	GELC
LAOI-3.2	153.3	08/24/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0029	0.00616	0.0296	—	pCi/L	Y	U	U	2016-2179	CALA-16-124828	GELC
LAOI-3.2	153.3	08/24/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0185	0.00914	0.0428	—	pCi/L	Y	U	U	2016-2179	CALA-16-124848	GELC
LAOI-3.2	153.3	09/02/2020	WG	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	WG	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	WG	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	09/20/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0	0.00714	0.0508	—	pCi/L	Y	U	U	2017-2870	CALA-17-143814	GELC
LAOI-3.2	153.3	08/24/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00858	0.00678	0.0374	—	pCi/L	Y	U	U	2016-2179	CALA-16-124828	GELC
LAOI-3.2	153.3	08/24/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00623	0.00911	0.054	—	pCi/L	Y	U	U	2016-2179	CALA-16-124848	GELC
LAOI-3.2	153.3	09/02/2020	WG	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	WG	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	WG	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	09/20/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	7.7	—	—	0.05	mg/L	Y	—	NQ	2017-2870	CALA-17-143818	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	7.55	—	—	0.05	mg/L	Y	—	NQ	2016-2179	CALA-16-124864	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	7.47	—	—	0.05	mg/L	Y	—	NQ	2016-2179	CALA-16-124829	GELC
LAOI-3.2	153.3	09/02/2020	WG	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	WG	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	WG	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	09/20/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-10.2	20.5	77.4	—	pCi/L	Y	U	U	2017-2870	CALA-17-143814	GELC
LAOI-3.2	153.3	08/24/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	28.5	11.4	42.2	—	pCi/L	Y	U	U	2016-2179	CALA-16-124828	GELC
LAOI-3.2	153.3	08/24/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-16.1	12.8	41.9	—	pCi/L	Y	U	U	2016-2179	CALA-16-124848	GELC
LAOI-3.2	153.3	09/02/2020	WG	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	WG	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	WG	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	09/02/2020	WG	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	09/02/2020	WG	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	WG	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

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAOI-3.2	153.3	01/15/2008	WG	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	09/02/2020	WG	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	WG	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	WG	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	09/20/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.6	—	—	0.053	mg/L	Y	—	J-	2017-2870	CALA-17-143818	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	68.9	—	—	0.053	mg/L	Y	—	NQ	2016-2179	CALA-16-124864	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69	—	—	0.053	mg/L	Y	—	NQ	2016-2179	CALA-16-124829	GELC
LAOI-3.2	153.3	09/02/2020	WG	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	WG	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	WG	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	09/20/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16	—	—	0.1	mg/L	Y	—	NQ	2017-2870	CALA-17-143818	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.7	—	—	0.1	mg/L	Y	—	NQ	2016-2179	CALA-16-124864	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.9	—	—	0.1	mg/L	Y	—	NQ	2016-2179	CALA-16-124829	GELC
LAOI-3.2	153.3	09/02/2020	WG	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	WG	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	WG	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	09/20/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.619	1.61	6.04	—	pCi/L	Y	U	U	2017-2870	CALA-17-143814	GELC
LAOI-3.2	153.3	08/24/2016	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	1.07	0.87	3.62	—	pCi/L	Y	U	U	2016-2179	CALA-16-124828	GELC
LAOI-3.2	153.3	08/24/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.517	0.984	3.42	—	pCi/L	Y	U	U	2016-2179	CALA-16-124848	GELC
LAOI-3.2	153.3	09/02/2020	WG	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	WG	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	WG	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	09/20/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	322	—	—	1	µS/cm	Y	—	NQ	2017-2870	CALA-17-143818	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	280	—	—	3.63	µS/cm	Y	—	NQ	2016-2179	CALA-16-124829	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	280	—	—	3.63	µS/cm	Y	—	NQ	2016-2179	CALA-16-124864	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	143	—	—	1	µg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2	153.3	09/05/2019	WG	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	WG	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	09/20/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	125	—	—	1	µg/L	Y	—	NQ	2017-2870	CALA-17-143818	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	121	—	—	1	µg/L	Y	—	NQ	2016-2179	CALA-16-124864	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	123	—	—	1	µg/L	Y	—	NQ	2016-2179	CALA-16-124829	GELC
LAOI-3.2	153.3	09/02/2020	WG	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	WG	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	WG	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	09/20/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.184	0.121	0.479	—	pCi/L	Y	U	U	2017-2870	CALA-17-143814	GELC
LAOI-3.2	153.3	08/24/2016	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0913	0.0853	0.295	—	pCi/L	Y	U	U	2016-2179	CALA-16-124828	GELC
LAOI-3.2	153.3	08/24/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.101	0.125	0.481	—	pCi/L	Y	U	U	2016-2179	CALA-16-124848	GELC
LAOI-3.2	153.3	09/02/2020	WG	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	WG	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	WG	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	09/20/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	11.9	—	—	0.133	mg/L	Y	—	NQ	2017-2870	CALA-17-143818	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	11.2	—	—	0.133	mg/L	Y	—	NQ	2016-2179	CALA-16-124829	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.7	—	—	0.133	mg/L	Y	—	NQ	2016-2179	CALA-16-124864	GELC
LAOI-3.2	153.3	09/02/2020	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1692	CALA-20-199161	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1692	CALA-20-199160	GELC
LAOI-3.2	153.3	09/05/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-3231	CALA-19-185291	GELC
LAOI-3.2	153.3	09/05/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-3231	CALA-19-185292	GELC
LAOI-3.2	153.3	09/05/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-3761	CALA-18-160742	GELC
LAOI-3.2	153.3	09/05/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-3761	CALA-18-160743	GELC
LAOI-3.2	153.3	09/20/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-2870	CALA-17-143814	GELC
LAOI-3.2	153.3	09/20/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-2870	CALA-17-143818	GELC
LAOI-3.2	153.3	09/02/2020	WG	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	WG	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	WG	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	09/20/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	230	—	—	3.4	mg/L	Y	—	NQ	2017-2870	CALA-17-143818	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	233	—	—	3.4	mg/L	Y	—	NQ	2016-2179	CALA-16-124829	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	213	—	—	3.4	mg/L	Y	—	NQ	2016-2179	CALA-16-124864	GELC
LAOI-3.2	153.3	09/02/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.567	—	—	0.033	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199160	GELC

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAOI-3.2	153.3	09/05/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.157	—	—	0.033	mg/L	Y	—	U	N3B-2019-3231	CALA-19-185291	GELC
LAOI-3.2	153.3	09/05/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.08	—	—	0.033	mg/L	Y	J	J	N3B-2018-3761	CALA-18-160743	GELC
LAOI-3.2	153.3	09/20/2017	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2017-2870	CALA-17-143814	GELC
LAOI-3.2	153.3	08/24/2016	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.15	—	—	0.033	mg/L	Y	—	NQ	2016-2179	CALA-16-124848	GELC
LAOI-3.2	153.3	08/24/2016	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0602	—	—	0.033	mg/L	Y	J	J	2016-2179	CALA-16-124828	GELC
LAOI-3.2	153.3	09/02/2020	WG	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	WG	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	WG	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	09/20/2017	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.769	—	—	0.33	mg/L	Y	J	J	2017-2870	CALA-17-143814	GELC
LAOI-3.2	153.3	08/24/2016	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.615	—	—	0.33	mg/L	Y	J	J	2016-2179	CALA-16-124848	GELC
LAOI-3.2	153.3	08/24/2016	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.655	—	—	0.33	mg/L	Y	J	J	2016-2179	CALA-16-124828	GELC
LAOI-3.2	153.3	09/02/2020	WG	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	WG	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	WG	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	08/24/2016	WG	UF	INIT	FD	RAD	EPA:906.0	Tritium	H-3	Y	1740	106	197	—	pCi/L	Y	—	NQ	2016-2179	CALA-16-124828	GELC
LAOI-3.2	153.3	08/24/2016	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	1580	100	192	—	pCi/L	Y	—	NQ	2016-2179	CALA-16-124848	GELC
LAOI-3.2	153.3	09/18/2015	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	2060	114	171	—	pCi/L	Y	—	NQ	2015-2357	CALA-15-103978	GELC
LAOI-3.2	153.3	09/02/2020	WG	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	WG	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	WG	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	09/20/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.68	—	—	0.067	µg/L	Y	—	NQ	2017-2870	CALA-17-143818	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.35	—	—	0.067	µg/L	Y	—	NQ	2016-2179	CALA-16-124864	GELC
LAOI-3.2	153.3	08/24/2016	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	1.35	—	—	0.067	µg/L	Y	—	NQ	2016-2179	CALA-16-124829	GELC
LAOI-3.2	153.3	09/02/2020	WG	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	WG	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	WG	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	09/20/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.692	0.0399	0.0466	—	pCi/L	Y	—	J+	2017-2870	CALA-17-143814	GELC
LAOI-3.2	153.3	08/24/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.692	0.0406	0.0858	—	pCi/L	Y	—	NQ	2016-2179	CALA-16-124828	GELC
LAOI-3.2	153.3	08/24/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.637	0.0398	0.0897	—	pCi/L	Y	—	NQ	2016-2179	CALA-16-124848	GELC
LAOI-3.2	153.3	09/02/2020	WG	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	WG	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	WG	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	09/20/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0817	0.0172	0.0496	—	pCi/L	Y	—	J	2017-2870	CALA-17-143814	GELC
LAOI-3.2	153.3	08/24/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0713	0.0164	0.0822	—	pCi/L	Y	U	U	2016-2179	CALA-16-124828	GELC
LAOI-3.2	153.3	08/24/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0984	0.0176	0.0859	—	pCi/L	Y	—	NQ	2016-2179	CALA-16-124848	GELC
LAOI-3.2	153.3	09/02/2020	WG	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	WG	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	WG	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	09/20/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.639	0.038	0.0451	—	pCi/L	Y	—	NQ	2017-2870	CALA-17-143814	GELC
LAOI-3.2	153.3	08/24/2016	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.531	0.0353	0.0857	—	pCi/L	Y	—	NQ	2016-2179	CALA-16-124828	GELC
LAOI-3.2	153.3	08/24/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.579	0.0377	0.0896	—	pCi/L	Y	—	NQ	2016-2179	CALA-16-124848	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	6.97	—	—	0.01	SU	Y	H	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-3.2a	181.4	09/11/2019	WG	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	WG	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
LAOI-3.2a	181.4	09/21/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.02	—	—	0.01	SU	Y	H	NQ	2017-2882	CALA-17-143819	GELC
LAOI-3.2a	181.4	08/30/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.32	—	—	0.01	SU	Y	H	NQ	2016-2284	CALA-16-124865	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	82.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-3.2a	181.4	09/11/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80.7	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3278	CALA-19-185294	GELC
LAOI-3.2a	181.4	09/06/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	79.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-3787	CALA-18-160749	GELC
LAOI-3.2a	181.4	09/21/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	80.2	—	—	1.45	mg/L	Y	—	NQ	2017-2882	CALA-17-143819	GELC
LAOI-3.2a	181.4	08/30/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	77.3	—	—	1.45	mg/L	Y	—	NQ	2016-2284	CALA-16-124865	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	09/21/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00722	0.00636	0.0422	—	pCi/L	Y	U	U	2017-2882	CALA-17-143815	GELC
LAOI-3.2a	181.4	08/30/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.0106	0.0106	0.0581	—	pCi/L	Y	U	U	2016-2284	CALA-16-124849	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	22.3	—	—	1	µg/L	Y	—	NQ	N3B-2019-3278	CALA-19-185294	GELC

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAOI-3.2a	181.4	09/06/2018	WG	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	09/21/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	19.4	—	—	1	µg/L	Y	—	NQ	2017-2882	CALA-17-143819	GELC
LAOI-3.2a	181.4	08/30/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	18.9	—	—	1	µg/L	Y	—	NQ	2016-2284	CALA-16-124865	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	09/21/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	17.7	—	—	15	µg/L	Y	J	J	2017-2882	CALA-17-143819	GELC
LAOI-3.2a	181.4	08/30/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2016-2284	CALA-16-124865	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	09/21/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.89	—	—	0.067	mg/L	Y	—	NQ	2017-2882	CALA-17-143819	GELC
LAOI-3.2a	181.4	08/30/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.729	—	—	0.067	mg/L	Y	—	NQ	2016-2284	CALA-16-124865	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	09/21/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	24.3	—	—	0.05	mg/L	Y	—	NQ	2017-2882	CALA-17-143819	GELC
LAOI-3.2a	181.4	08/30/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	24.7	—	—	0.05	mg/L	Y	—	NQ	2016-2284	CALA-16-124865	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	09/21/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.941	1.61	6.17	—	pCi/L	Y	U	U	2017-2882	CALA-17-143815	GELC
LAOI-3.2a	181.4	08/30/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.702	1.34	5.39	—	pCi/L	Y	U	U	2016-2284	CALA-16-124849	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	09/21/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	23.4	—	—	0.335	mg/L	Y	—	NQ	2017-2882	CALA-17-143819	GELC
LAOI-3.2a	181.4	08/30/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	21.5	—	—	0.335	mg/L	Y	—	NQ	2016-2284	CALA-16-124865	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	09/21/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.535	1.69	6.85	—	pCi/L	Y	U	U	2017-2882	CALA-17-143815	GELC
LAOI-3.2a	181.4	08/30/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	0.668	1.34	5.75	—	pCi/L	Y	U	U	2016-2284	CALA-16-124849	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	WG	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	WG	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
LAOI-3.2a	181.4	09/04/2014	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	10.4	—	—	3.13	µg/L	Y	U	U	2014-4487	CALA-14-86012	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	09/21/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0519	—	—	0.033	mg/L	Y	J	J	2017-2882	CALA-17-143819	GELC
LAOI-3.2a	181.4	08/30/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0415	—	—	0.033	mg/L	Y	J	J	2016-2284	CALA-16-124865	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	09/21/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.27	1.17	2.95	—	pCi/L	Y	U	U	2017-2882	CALA-17-143815	GELC
LAOI-3.2a	181.4	08/30/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	16.1	0.865	1.52	—	pCi/L	Y	—	NQ	2016-2284	CALA-16-124849	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	09/21/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.54	0.971	2.23	—	pCi/L	Y	—	J	2017-2882	CALA-17-143815	GELC
LAOI-3.2a	181.4	08/30/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	9.96	1.3	2.67	—	pCi/L	Y	—	NQ	2016-2284	CALA-16-124849	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	09/21/2017	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	81.6	—	—	0.453	mg/L	Y	—	NQ	2017-2882	CALA-17-143819	GELC

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAOI-3.2a	181.4	08/30/2016	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	82.7	—	—	0.453	mg/L	Y	—	NQ	2016-2284	CALA-16-124865	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	09/21/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.08	—	—	0.11	mg/L	Y	—	NQ	2017-2882	CALA-17-143819	GELC
LAOI-3.2a	181.4	08/30/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.12	—	—	0.11	mg/L	Y	—	NQ	2016-2284	CALA-16-124865	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	09/21/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	5.56	—	—	0.2	µg/L	Y	—	NQ	2017-2882	CALA-17-143819	GELC
LAOI-3.2a	181.4	08/30/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	3.75	—	—	0.3	µg/L	Y	—	NQ	2016-2284	CALA-16-124865	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	09/21/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.551	2.94	11	—	pCi/L	Y	U	U	2017-2882	CALA-17-143815	GELC
LAOI-3.2a	181.4	08/30/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.49	2.78	9.06	—	pCi/L	Y	U	U	2016-2284	CALA-16-124849	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	09/21/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.658	—	—	0.6	µg/L	Y	J	J	2017-2882	CALA-17-143819	GELC
LAOI-3.2a	181.4	08/30/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	2	—	—	0.5	µg/L	Y	U	U	2016-2284	CALA-16-124865	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	09/21/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.69	—	—	0.085	mg/L	Y	—	NQ	2017-2882	CALA-17-143819	GELC
LAOI-3.2a	181.4	08/30/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.56	—	—	0.085	mg/L	Y	—	NQ	2016-2284	CALA-16-124865	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	LCMS/MS PERCHLORATE	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	WG	F	INIT	REG	LCMS/MS PERCHLORATE	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	WG	F	INIT	REG	LCMS/MS PERCHLORATE	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	09/21/2017	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	2	—	—	0.05	µg/L	Y	—	NQ	2017-2882	CALA-17-143819	GELC
LAOI-3.2a	181.4	08/30/2016	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	2.55	—	—	0.25	µg/L	Y	—	NQ	2016-2284	CALA-16-124865	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	09/21/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00251	0.00972	0.0435	—	pCi/L	Y	U	U	2017-2882	CALA-17-143815	GELC
LAOI-3.2a	181.4	08/30/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0	0.00602	0.0432	—	pCi/L	Y	U	U	2016-2284	CALA-16-124849	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	09/21/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00753	0.0103	0.0564	—	pCi/L	Y	U	U	2017-2882	CALA-17-143815	GELC
LAOI-3.2a	181.4	08/30/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00982	0.00777	0.0542	—	pCi/L	Y	U	U	2016-2284	CALA-16-124849	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	09/21/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	9.65	—	—	0.05	mg/L	Y	—	NQ	2017-2882	CALA-17-143819	GELC
LAOI-3.2a	181.4	08/30/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	9.99	—	—	0.05	mg/L	Y	—	NQ	2016-2284	CALA-16-124865	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	09/21/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	17.6	24.1	68.3	—	pCi/L	Y	U	U	2017-2882	CALA-17-143815	GELC
LAOI-3.2a	181.4	08/30/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	23.9	21.8	90.9	—	pCi/L	Y	U	U	2016-2284	CALA-16-124849	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	09/05/2008	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.241	0.15	0.49	—	pCi/L	Y	U	U	08-1855	CALA-08-13896	GELC
LAOI-3.2a	181.4	01/23/2008	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.167	0.12	0.39	—	pCi/L	Y	U	U	08-568	CALA-08-9869	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	09/02/2020	WG	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

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAOI-3.2a	181.4	01/08/2010	WG	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	WG	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	09/05/2008	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.757	0.25	0.68	—	pCi/L	Y	—	NQ	08-1855	CALA-08-13896	GELC
LAOI-3.2a	181.4	01/23/2008	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	Y	0.604	0.19	0.56	—	pCi/L	Y	—	NQ	08-568	CALA-08-9869	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	09/21/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	64.7	—	—	0.053	mg/L	Y	—	NQ	2017-2882	CALA-17-143819	GELC
LAOI-3.2a	181.4	08/30/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	71.1	—	—	0.053	mg/L	Y	—	NQ	2016-2284	CALA-16-124865	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	09/21/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.9	—	—	0.1	mg/L	Y	—	NQ	2017-2882	CALA-17-143819	GELC
LAOI-3.2a	181.4	08/30/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	15.7	—	—	0.1	mg/L	Y	—	NQ	2016-2284	CALA-16-124865	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	09/21/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.715	1.66	5.52	—	pCi/L	Y	U	U	2017-2882	CALA-17-143815	GELC
LAOI-3.2a	181.4	08/30/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.732	1.55	6.43	—	pCi/L	Y	U	U	2016-2284	CALA-16-124849	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	09/21/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	300	—	—	1	µS/cm	Y	—	NQ	2017-2882	CALA-17-143819	GELC
LAOI-3.2a	181.4	08/30/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	247	—	—	3.63	µS/cm	Y	—	NQ	2016-2284	CALA-16-124865	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	09/21/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	142	—	—	1	µg/L	Y	—	NQ	2017-2882	CALA-17-143819	GELC
LAOI-3.2a	181.4	08/30/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	153	—	—	1	µg/L	Y	—	NQ	2016-2284	CALA-16-124865	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	09/21/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.00728	0.0995	0.39	—	pCi/L	Y	U	U	2017-2882	CALA-17-143815	GELC
LAOI-3.2a	181.4	08/30/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.16	0.0685	0.223	—	pCi/L	Y	U	U	2016-2284	CALA-16-124849	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	09/21/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	11.7	—	—	0.133	mg/L	Y	—	NQ	2017-2882	CALA-17-143819	GELC
LAOI-3.2a	181.4	08/30/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.8	—	—	0.133	mg/L	Y	—	NQ	2016-2284	CALA-16-124865	GELC
LAOI-3.2a	181.4	09/02/2020	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1692	CALA-20-199165	GELC
LAOI-3.2a	181.4	09/02/2020	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1692	CALA-20-199164	GELC
LAOI-3.2a	181.4	09/11/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-3278	CALA-19-185293	GELC
LAOI-3.2a	181.4	09/11/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-3278	CALA-19-185294	GELC
LAOI-3.2a	181.4	09/06/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2018-3787	CALA-18-160749	GELC
LAOI-3.2a	181.4	09/06/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2018-3787	CALA-18-160750	GELC
LAOI-3.2a	181.4	09/21/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-2882	CALA-17-143815	GELC
LAOI-3.2a	181.4	09/21/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-2882	CALA-17-143819	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	09/21/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	253	—	—	3.4	mg/L	Y	—	NQ	2017-2882	CALA-17-143819	GELC
LAOI-3.2a	181.4	08/30/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	220	—	—	3.4	mg/L	Y	—	NQ	2016-2284	CALA-16-124865	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	09/21/2017	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.662	—	—	0.33	mg/L	Y	J	J	2017-2882	CALA-17-143815	GELC
LAOI-3.2a	181.4	08/30/2016	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.582	—	—	0.33	mg/L	Y	J	J	2016-2284	CALA-16-124849	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAOI-3.2a	181.4	09/11/2019	WG	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	WG	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	09/21/2017	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	926	69.9	155	—	pCi/L	Y	—	NQ	2017-2882	CALA-17-143815	GELC
LAOI-3.2a	181.4	08/30/2016	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	957	77.6	150	—	pCi/L	Y	—	NQ	2016-2284	CALA-16-124849	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	09/21/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.45	—	—	0.067	µg/L	Y	—	NQ	2017-2882	CALA-17-143819	GELC
LAOI-3.2a	181.4	08/30/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.8	—	—	0.067	µg/L	Y	—	NQ	2016-2284	CALA-16-124865	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	09/21/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.714	0.0527	0.0721	—	pCi/L	Y	—	NQ	2017-2882	CALA-17-143815	GELC
LAOI-3.2a	181.4	08/30/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.663	0.0389	0.0811	—	pCi/L	Y	—	NQ	2016-2284	CALA-16-124849	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	09/21/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0714	0.0195	0.0769	—	pCi/L	Y	U	U	2017-2882	CALA-17-143815	GELC
LAOI-3.2a	181.4	08/30/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.027	0.00935	0.0778	—	pCi/L	Y	U	U	2016-2284	CALA-16-124849	GELC
LAOI-3.2a	181.4	09/02/2020	WG	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	WG	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	WG	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	09/21/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.484	0.0436	0.0698	—	pCi/L	Y	—	NQ	2017-2882	CALA-17-143815	GELC
LAOI-3.2a	181.4	08/30/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.633	0.0373	0.0811	—	pCi/L	Y	—	NQ	2016-2284	CALA-16-124849	GELC
LAOI-7	240.0	08/26/2020	WG	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
LAOI-7	240.0	09/17/2019	WG	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	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.39	—	—	0.01	SU	Y	H	NQ	N3B-2018-3897	CALA-18-160752	GELC
LAOI-7	240.0	09/26/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.44	—	—	0.01	SU	Y	H	NQ	2017-2916	CALA-17-144805	GELC
LAOI-7	240.0	08/31/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.53	—	—	0.01	SU	Y	H	NQ	2016-2310	CALA-16-124866	GELC
LAOI-7	240.0	08/26/2020	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	53.3	—	—	1.45	mg/L	Y	—	NQ	2017-2916	CALA-17-144805	GELC
LAOI-7	240.0	08/31/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	56.2	—	—	1.45	mg/L	Y	—	NQ	2016-2310	CALA-16-124866	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0207	0.00717	0.0366	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	09/17/2019	WG	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	WG	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	09/26/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00000000153	0.00634	0.0321	—	pCi/L	Y	U	U	2017-2916	CALA-17-144812	GELC
LAOI-7	240.0	08/31/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00487	0.00688	0.04	—	pCi/L	Y	U	U	2016-2310	CALA-16-124850	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0907	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
LAOI-7	240.0	09/17/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0666	—	—	0.017	mg/L	Y	—	NQ	N3B-2019-3325	CALA-19-185296	GELC
LAOI-7	240.0	09/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0558	—	—	0.017	mg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160752	GELC
LAOI-7	240.0	09/26/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0199	—	—	0.017	mg/L	Y	J	J	2017-2916	CALA-17-144805	GELC
LAOI-7	240.0	08/31/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2016-2310	CALA-16-124866	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.38	—	—	2	µg/L	Y	J	J	N3B-2020-1614	CALA-20-199168	GELC
LAOI-7	240.0	09/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020A	Arsenic	As	Y	4.49	—	—	2	µg/L	Y	J	J	N3B-2019-3325	CALA-19-185296	GELC
LAOI-7	240.0	09/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.5	—	—	2	µg/L	Y	J	J	N3B-2018-3897	CALA-18-160752	GELC
LAOI-7	240.0	09/26/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	2017-2916	CALA-17-144805	GELC
LAOI-7	240.0	08/31/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	5	—	—	1.7	µg/L	Y	U	U	2016-2310	CALA-16-124866	GELC
LAOI-7	240.0	08/26/2020	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	25.7	—	—	1	µg/L	Y	—	NQ	2017-2916	CALA-17-144805	GELC
LAOI-7	240.0	08/31/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	23.6	—	—	1	µg/L	Y	—	NQ	2016-2310	CALA-16-124866	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	12.5	—	—	5.99	µg/L	Y	J	J	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	09/17/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6	—	—	6	µg/L	Y	U	UJ	N3B-2018-3897	CALA-18-160753	GELC
LAOI-7	240.0	08/31/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	10.5	—	—	3.16	µg/L	Y	U	U	2016-2310	CALA-16-124850	GELC
LAOI-7	240.0	09/11/2014	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	14.2	—	—	5.22	µg/L	Y	J	J	2014-4539	CALA-14-86013	GELC

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAOI-7	240.0	09/11/2012	WG	UF	INIT	REG	SVOC	SW-846:8270C	Benzoic Acid	65-85-0	N	22	—	—	6.59	µg/L	Y	U	UJ	12-1550	CALA-12-22894	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	17.6	—	—	15	µg/L	Y	J	J	N3B-2020-1614	CALA-20-199168	GELC
LAOI-7	240.0	09/17/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2019-3325	CALA-19-185296	GELC
LAOI-7	240.0	09/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	15	—	—	15	µg/L	Y	U	U	N3B-2018-3897	CALA-18-160752	GELC
LAOI-7	240.0	09/26/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	15.1	—	—	15	µg/L	Y	J	J	2017-2916	CALA-17-144805	GELC
LAOI-7	240.0	08/31/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2016-2310	CALA-16-124866	GELC
LAOI-7	240.0	08/26/2020	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.143	—	—	0.067	mg/L	Y	J	J	2017-2916	CALA-17-144805	GELC
LAOI-7	240.0	08/31/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	0.122	—	—	0.067	mg/L	Y	J	J	2016-2310	CALA-16-124866	GELC
LAOI-7	240.0	08/26/2020	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17	—	—	0.05	mg/L	Y	—	NQ	2017-2916	CALA-17-144805	GELC
LAOI-7	240.0	08/31/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	15.7	—	—	0.05	mg/L	Y	—	NQ	2016-2310	CALA-16-124866	GELC
LAOI-7	240.0	08/26/2020	WG	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	WG	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	WG	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	09/26/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.911	1.37	4.86	—	pCi/L	Y	U	U	2017-2916	CALA-17-144812	GELC
LAOI-7	240.0	08/31/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	3.25	1.35	5.58	—	pCi/L	Y	U	U	2016-2310	CALA-16-124850	GELC
LAOI-7	240.0	08/26/2020	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	24.3	—	—	0.335	mg/L	Y	—	NQ	2017-2916	CALA-17-144805	GELC
LAOI-7	240.0	08/31/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	19.5	—	—	0.335	mg/L	Y	—	NQ	2016-2310	CALA-16-124866	GELC
LAOI-7	240.0	08/26/2020	WG	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	WG	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	WG	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	09/26/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-1.97	1.35	4.59	—	pCi/L	Y	U	U	2017-2916	CALA-17-144812	GELC
LAOI-7	240.0	08/31/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.5	0.961	4.31	—	pCi/L	Y	U	U	2016-2310	CALA-16-124850	GELC
LAOI-7	240.0	08/26/2020	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.138	—	—	0.033	mg/L	Y	—	NQ	2017-2916	CALA-17-144805	GELC
LAOI-7	240.0	08/31/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.119	—	—	0.033	mg/L	Y	—	NQ	2016-2310	CALA-16-124866	GELC
LAOI-7	240.0	08/26/2020	WG	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	WG	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	WG	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	09/26/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.73	0.884	2.61	—	pCi/L	Y	U	U	2017-2916	CALA-17-144812	GELC
LAOI-7	240.0	08/31/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1	0.819	2.83	—	pCi/L	Y	U	U	2016-2310	CALA-16-124850	GELC
LAOI-7	240.0	08/26/2020	WG	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	WG	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	WG	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	09/26/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.09	1.04	2.98	—	pCi/L	Y	—	NQ	2017-2916	CALA-17-144812	GELC
LAOI-7	240.0	08/31/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	3.38	0.837	2.15	—	pCi/L	Y	—	J	2016-2310	CALA-16-124850	GELC
LAOI-7	240.0	08/26/2020	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	72.3	—	—	0.453	mg/L	Y	—	NQ	2017-2916	CALA-17-144805	GELC
LAOI-7	240.0	08/31/2016	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	65	—	—	0.453	mg/L	Y	—	NQ	2016-2310	CALA-16-124866	GELC
LAOI-7	240.0	08/26/2020	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	7.24	—	—	0.11	mg/L	Y	—	NQ	2017-2916	CALA-17-144805	GELC
LAOI-7	240.0	08/31/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	6.26	—	—	0.11	mg/L	Y	—	NQ	2016-2310	CALA-16-124866	GELC
LAOI-7	240.0	08/26/2020	WG	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	WG	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

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAOI-7	240.0	09/17/2018	WG	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	09/26/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.2	—	—	0.2	µg/L	Y	—	NQ	2017-2916	CALA-17-144805	GELC
LAOI-7	240.0	08/31/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.17	—	—	0.3	µg/L	Y	—	NQ	2016-2310	CALA-16-124866	GELC
LAOI-7	240.0	08/26/2020	WG	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	WG	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	WG	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	09/26/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.258	2.58	9.46	—	pCi/L	Y	U	U	2017-2916	CALA-17-144812	GELC
LAOI-7	240.0	08/31/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.35	2.01	7.22	—	pCi/L	Y	U	U	2016-2310	CALA-16-124850	GELC
LAOI-7	240.0	08/26/2020	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	4.83	—	—	0.6	µg/L	Y	—	NQ	2017-2916	CALA-17-144805	GELC
LAOI-7	240.0	08/31/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	6.15	—	—	0.5	µg/L	Y	—	NQ	2016-2310	CALA-16-124866	GELC
LAOI-7	240.0	08/26/2020	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.375	—	—	0.017	mg/L	Y	—	NQ	2017-2916	CALA-17-144805	GELC
LAOI-7	240.0	08/31/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.246	—	—	0.017	mg/L	Y	—	NQ	2016-2310	CALA-16-124866	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	Y	0.0017	—	—	0.00047	µg/L	Y	—	J	N3B-2020-1616	CALA-20-199167	SwRI
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.99	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	09/17/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3	—	—	3	µg/L	Y	U	UJ	N3B-2018-3897	CALA-18-160753	GELC
LAOI-7	240.0	08/31/2016	WG	UF	RE	REG	SVOC	SW-846:8270DGCMS_SIM	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.109	—	—	0.0326	µg/L	N	U	U	2016-2310	CALA-16-124850	GELC
LAOI-7	240.0	08/31/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	5.26	—	—	1.58	µg/L	Y	U	U	2016-2310	CALA-16-124850	GELC
LAOI-7	240.0	08/31/2016	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.109	—	—	0.0326	µg/L	Y	U	UJ	2016-2310	CALA-16-124850	GELC
LAOI-7	240.0	09/11/2014	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	8.7	—	—	2.61	µg/L	Y	U	U	2014-4539	CALA-14-86013	GELC
LAOI-7	240.0	09/11/2012	WG	UF	INIT	REG	SVOC	SW-846:8270C	Nitroso-di-n-butylamine[N-]	924-16-3	N	11	—	—	3.3	µg/L	Y	U	U	12-1550	CALA-12-22894	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	Y	0.000896	—	—	0.00036	µg/L	Y	—	NQ	N3B-2020-1616	CALA-20-199167	SwRI
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	2.99	—	—	2.99	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	09/17/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3	—	—	3	µg/L	Y	U	UJ	N3B-2018-3897	CALA-18-160753	GELC
LAOI-7	240.0	08/31/2016	WG	UF	RE	REG	SVOC	SW-846:8270DGCMS_SIM	Nitrosodimethylamine[N-]	62-75-9	N	0.217	—	—	0.0761	µg/L	N	U	U	2016-2310	CALA-16-124850	GELC
LAOI-7	240.0	08/31/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	5.26	—	—	1.58	µg/L	Y	U	U	2016-2310	CALA-16-124850	GELC
LAOI-7	240.0	08/31/2016	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Nitrosodimethylamine[N-]	62-75-9	N	0.217	—	—	0.0761	µg/L	Y	U	UJ	2016-2310	CALA-16-124850	GELC
LAOI-7	240.0	09/11/2014	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	8.7	—	—	2.61	µg/L	Y	U	U	2014-4539	CALA-14-86013	GELC
LAOI-7	240.0	09/11/2012	WG	UF	INIT	REG	SVOC	SW-846:8270C	Nitrosodimethylamine[N-]	62-75-9	N	11	—	—	3.3	µg/L	Y	U	U	12-1550	CALA-12-22894	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	LCMS/MS PERCHLORATE	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	WG	F	INIT	REG	LCMS/MS PERCHLORATE	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	WG	F	INIT	REG	LCMS/MS PERCHLORATE	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	09/26/2017	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.664	—	—	0.05	µg/L	Y	—	NQ	2017-2916	CALA-17-144805	GELC
LAOI-7	240.0	08/31/2016	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.757	—	—	0.05	µg/L	Y	—	NQ	2016-2310	CALA-16-124866	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	24	—	—	0.583	ng/L	Y	—	NQ	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	3.66	—	—	0.706	ng/L	Y	—	NQ	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanoic acid	335-67-1	Y	2.45	—	—	0.706	ng/L	Y	—	NQ	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.031	0.017	0.0573	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	09/17/2019	WG	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	WG	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	09/26/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00492	0.00602	0.0426	—	pCi/L	Y	U	U	2017-2916	CALA-17-144812	GELC
LAOI-7	240.0	08/31/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00000000185	0.00876	0.0487	—	pCi/L	Y	U	U	2016-2310	CALA-16-124850	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0155	0.0128	0.0575	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	09/17/2019	WG	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	WG	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	09/26/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00983	0.00777	0.0552	—	pCi/L	Y	U	U	2017-2916	CALA-17-144812	GELC
LAOI-7	240.0	08/31/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00000000185	0.00876	0.0611	—	pCi/L	Y	U	U	2016-2310	CALA-16-124850	GELC
LAOI-7	240.0	08/26/2020	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	5.02	—	—	0.05	mg/L	Y	—	NQ	2017-2916	CALA-17-144805	GELC
LAOI-7	240.0	08/31/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	5	—	—	0.05	mg/L	Y	—	NQ	2016-2310	CALA-16-124866	GELC
LAOI-7	240.0	08/26/2020	WG	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

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAOI-7	240.0	09/17/2019	WG	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	WG	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	09/26/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-6.35	18	67.8	—	pCi/L	Y	U	U	2017-2916	CALA-17-144812	GELC
LAOI-7	240.0	08/31/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-15	15.1	57.4	—	pCi/L	Y	U	U	2016-2310	CALA-16-124850	GELC
LAOI-7	240.0	08/26/2020	WG	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	WG	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	WG	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	08/27/2008	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	-0.0347	0.1	0.47	—	pCi/L	Y	U	U	08-1796	CALA-08-13897	GELC
LAOI-7	240.0	01/09/2008	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	3.09	0.51	0.73	—	pCi/L	Y	—	NQ	08-467	CALA-08-10260	GELC
LAOI-7	240.0	08/26/2020	WG	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	08/26/2020	WG	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	WG	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	WG	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	08/27/2008	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.377	0.22	0.69	—	pCi/L	Y	U	U	08-1796	CALA-08-13897	GELC
LAOI-7	240.0	01/09/2008	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.39	0.19	0.57	—	pCi/L	Y	U	U	08-467	CALA-08-10260	GELC
LAOI-7	240.0	08/26/2020	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	53.8	—	—	0.053	mg/L	Y	—	NQ	2017-2916	CALA-17-144805	GELC
LAOI-7	240.0	08/31/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	55.1	—	—	0.053	mg/L	Y	—	NQ	2016-2310	CALA-16-124866	GELC
LAOI-7	240.0	08/26/2020	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.5	—	—	0.1	mg/L	Y	—	NQ	2017-2916	CALA-17-144805	GELC
LAOI-7	240.0	08/31/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	10.4	—	—	0.1	mg/L	Y	—	NQ	2016-2310	CALA-16-124866	GELC
LAOI-7	240.0	08/26/2020	WG	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
LAOI-7	240.0	09/17/2019	WG	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	WG	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	09/26/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-2.09	1.2	3.95	—	pCi/L	Y	U	U	2017-2916	CALA-17-144812	GELC
LAOI-7	240.0	08/31/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	1.33	0.902	4.23	—	pCi/L	Y	U	U	2016-2310	CALA-16-124850	GELC
LAOI-7	240.0	08/26/2020	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	236	—	—	1	µS/cm	Y	—	NQ	2017-2916	CALA-17-144805	GELC
LAOI-7	240.0	08/31/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	181	—	—	3.63	µS/cm	Y	—	NQ	2016-2310	CALA-16-124866	GELC
LAOI-7	240.0	08/26/2020	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	87.9	—	—	1	µg/L	Y	—	NQ	2017-2916	CALA-17-144805	GELC
LAOI-7	240.0	08/31/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	85.5	—	—	1	µg/L	Y	—	NQ	2016-2310	CALA-16-124866	GELC
LAOI-7	240.0	08/26/2020	WG	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	WG	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	WG	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	09/26/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0747	0.13	0.435	—	pCi/L	Y	U	U	2017-2916	CALA-17-144812	GELC
LAOI-7	240.0	08/31/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.151	0.103	0.36	—	pCi/L	Y	U	U	2016-2310	CALA-16-124850	GELC
LAOI-7	240.0	08/26/2020	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	10.9	—	—	0.133	mg/L	Y	—	NQ	2017-2916	CALA-17-144805	GELC
LAOI-7	240.0	08/31/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	9.59	—	—	0.133	mg/L	Y	—	NQ	2016-2310	CALA-16-124866	GELC
LAOI-7	240.0	08/26/2020	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1614	CALA-20-199168	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	09/17/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-3325	CALA-19-185295	GELC
LAOI-7	240.0	09/17/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-3325	CALA-19-185296	GELC
LAOI-7	240.0	09/17/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-3897	CALA-18-160752	GELC
LAOI-7	240.0	09/17/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-3897	CALA-18-160753	GELC
LAOI-7	240.0	09/26/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-2916	CALA-17-144812	GELC
LAOI-7	240.0	09/26/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-2916	CALA-17-144805	GELC

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
LAOI-7	240.0	08/26/2020	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	166	—	—	3.4	mg/L	Y	—	NQ	2017-2916	CALA-17-144805	GELC
LAOI-7	240.0	08/31/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	151	—	—	3.4	mg/L	Y	—	J	2016-2310	CALA-16-124866	GELC
LAOI-7	240.0	08/26/2020	WG	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	WG	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	WG	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	09/26/2017	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.936	—	—	0.33	mg/L	Y	J	J	2017-2916	CALA-17-144812	GELC
LAOI-7	240.0	08/31/2016	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.9	—	—	0.33	mg/L	Y	J	J	2016-2310	CALA-16-124850	GELC
LAOI-7	240.0	08/26/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	Y	30.11	—	—	—	ng/L	—	—	—	N3B-2020-1614	CALA-20-199167	GELC
LAOI-7	240.0	08/26/2020	WG	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	WG	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	WG	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	09/26/2017	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	376	57.1	158	—	pCi/L	Y	—	NQ	2017-2916	CALA-17-144812	GELC
LAOI-7	240.0	08/31/2016	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	551	66.3	154	—	pCi/L	Y	—	NQ	2016-2310	CALA-16-124850	GELC
LAOI-7	240.0	08/26/2020	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.56	—	—	0.067	µg/L	Y	—	NQ	2017-2916	CALA-17-144805	GELC
LAOI-7	240.0	08/31/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.498	—	—	0.067	µg/L	Y	—	NQ	2016-2310	CALA-16-124866	GELC
LAOI-7	240.0	08/26/2020	WG	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	WG	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	WG	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	09/26/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.404	0.0364	0.0556	—	pCi/L	Y	—	NQ	2017-2916	CALA-17-144812	GELC
LAOI-7	240.0	08/31/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.205	0.021	0.0688	—	pCi/L	Y	—	NQ	2016-2310	CALA-16-124850	GELC
LAOI-7	240.0	08/26/2020	WG	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
LAOI-7	240.0	09/17/2019	WG	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	WG	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	09/26/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0974	0.02	0.0591	—	pCi/L	Y	—	NQ	2017-2916	CALA-17-144812	GELC
LAOI-7	240.0	08/31/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0114	0.00758	0.0659	—	pCi/L	Y	U	U	2016-2310	CALA-16-124850	GELC
LAOI-7	240.0	08/26/2020	WG	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	WG	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	WG	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	09/26/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.257	0.0273	0.0538	—	pCi/L	Y	—	NQ	2017-2916	CALA-17-144812	GELC
LAOI-7	240.0	08/31/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.17	0.0185	0.0687	—	pCi/L	Y	—	NQ	2016-2310	CALA-16-124850	GELC
LAOI-7	240.0	08/26/2020	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	1.52	—	—	1	µg/L	Y	J	J	2017-2916	CALA-17-144805	GELC
LAOI-7	240.0	08/31/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.29	—	—	1	µg/L	Y	J	J	2016-2310	CALA-16-124866	GELC
LAOI-7	240.0	08/26/2020	WG	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	WG	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	WG	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
LAOI-7	240.0	09/26/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2017-2916	CALA-17-144805	GELC
LAOI-7	240.0	08/31/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	8.97	—	—	3.3	µg/L	Y	J	J	2016-2310	CALA-16-124866	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	3.9	—	—	1.5	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	09/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	1.51	—	—	1.5	µg/L	Y	J	J	N3B-2019-3247	CALA-19-185305	GELC
R-6	1205.0	09/07/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2018-3815	CALA-18-160765	GELC
R-6	1205.0	09/19/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2017-2857	CALA-17-144813	GELC
R-6	1205.0	08/23/2016	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	UH	UJ	2016-2159	CALA-16-124853	GELC
R-6	1205.0	08/25/2020	WG	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	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.33	—	—	0.01	SU	Y	H	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-6	1205.0	09/09/2019	WG	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	WG	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	09/19/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.22	—	—	0.01	SU	Y	H	NQ	2017-2857	CALA-17-144806	GELC
R-6	1205.0	03/23/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.32	—	—	0.01	SU	Y	H	NQ	2017-1263	CALA-17-130491	GELC

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	65.6	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185306	GELC
R-6	1205.0	09/07/2018	WG	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	09/19/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	67.3	—	—	1.45	mg/L	Y	—	NQ	2017-2857	CALA-17-144806	GELC
R-6	1205.0	03/23/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	68	—	—	1.45	mg/L	Y	—	NQ	2017-1263	CALA-17-130491	GELC
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/19/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00544	0.00479	0.0318	—	pCi/L	Y	U	U	2017-2857	CALA-17-144813	GELC
R-6	1205.0	03/23/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00208	0.00751	0.0483	—	pCi/L	Y	U	U	2017-1263	CALA-17-130495	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.043	—	—	0.017	mg/L	Y	J	J	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.102	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-6	1205.0	09/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0328	—	—	0.017	mg/L	Y	J	U	N3B-2019-3247	CALA-19-185306	GELC
R-6	1205.0	09/07/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	N3B-2018-3815	CALA-18-160764	GELC
R-6	1205.0	09/19/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.017	—	—	0.017	mg/L	Y	U	U	2017-2857	CALA-17-144806	GELC
R-6	1205.0	03/23/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.05	—	—	0.017	mg/L	Y	U	U	2017-1263	CALA-17-130491	GELC
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	2017-2857	CALA-17-144806	GELC
R-6	1205.0	03/23/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.1	—	—	1.7	µg/L	Y	J	J	2017-1263	CALA-17-130491	GELC
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	17	—	—	1	µg/L	Y	—	NQ	2017-2857	CALA-17-144806	GELC
R-6	1205.0	03/23/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	17.2	—	—	1	µg/L	Y	—	NQ	2017-1263	CALA-17-130491	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	9.33	—	—	5.89	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	9.31	—	—	5.93	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	09/07/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6	—	—	6	µg/L	Y	U	UJ	N3B-2018-3815	CALA-18-160765	GELC
R-6	1205.0	08/23/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	20.8	—	—	6.25	µg/L	Y	U	U	2016-2159	CALA-16-124853	GELC
R-6	1205.0	09/09/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	10	—	—	3	µg/L	Y	U	U	2015-2324	CALA-15-103989	GELC
R-6	1205.0	09/12/2014	WG	UF	RE	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	16.3	—	—	4.88	µg/L	Y	U	U	2014-4547	CALA-14-86014	GELC
R-6	1205.0	09/12/2014	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	18.9	—	—	5.66	µg/L	Y	U	U	2014-4547	CALA-14-86014	GELC
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	23.7	—	—	15	µg/L	Y	J	J	2017-2857	CALA-17-144806	GELC
R-6	1205.0	03/23/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	22.8	—	—	15	µg/L	Y	J	J	2017-1263	CALA-17-130491	GELC
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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
R-6	1205.0	09/07/2018	WG	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	09/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	13.6	—	—	0.05	mg/L	Y	—	NQ	2017-2857	CALA-17-144806	GELC
R-6	1205.0	03/23/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	14.1	—	—	0.05	mg/L	Y	—	NQ	2017-1263	CALA-17-130491	GELC
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/19/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.338	1.26	4.51	—	pCi/L	Y	U	U	2017-2857	CALA-17-144813	GELC
R-6	1205.0	03/23/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.549	0.892	3.38	—	pCi/L	Y	U	U	2017-1263	CALA-17-130495	GELC
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-6	1205.0	09/07/2018	WG	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	09/19/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.8	—	—	0.067	mg/L	Y	—	NQ	2017-2857	CALA-17-144806	GELC
R-6	1205.0	03/23/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.83	—	—	0.067	mg/L	Y	—	NQ	2017-1263	CALA-17-130491	GELC
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.1	—	—	3	µg/L	Y	J	J	2017-2857	CALA-17-144806	GELC
R-6	1205.0	03/23/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	5.63	—	—	3	µg/L	Y	J	J	2017-1263	CALA-17-130491	GELC
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/19/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.82	2.35	6.87	—	pCi/L	Y	U	U	2017-2857	CALA-17-144813	GELC
R-6	1205.0	03/23/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.525	1.14	3.61	—	pCi/L	Y	U	U	2017-1263	CALA-17-130495	GELC
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/19/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.313	—	—	0.033	mg/L	Y	—	NQ	2017-2857	CALA-17-144806	GELC
R-6	1205.0	03/23/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.353	—	—	0.033	mg/L	Y	—	NQ	2017-1263	CALA-17-130491	GELC
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/19/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	3.35	1.09	2.76	—	pCi/L	Y	—	NQ	2017-2857	CALA-17-144813	GELC
R-6	1205.0	03/23/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.000484	0.334	1.21	—	pCi/L	Y	U	U	2017-1263	CALA-17-130495	GELC
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/19/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	30.5	1.9	2.14	—	pCi/L	Y	—	NQ	2017-2857	CALA-17-144813	GELC
R-6	1205.0	03/23/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.309	0.778	2.81	—	pCi/L	Y	U	U	2017-1263	CALA-17-130495	GELC
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/19/2017	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	49.7	—	—	0.453	mg/L	Y	—	NQ	2017-2857	CALA-17-144806	GELC
R-6	1205.0	03/23/2017	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	50.8	—	—	0.453	mg/L	Y	—	NQ	2017-1263	CALA-17-130491	GELC
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.8	—	—	0.11	mg/L	Y	—	NQ	2017-2857	CALA-17-144806	GELC
R-6	1205.0	03/23/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.78	—	—	0.11	mg/L	Y	—	NQ	2017-1263	CALA-17-130491	GELC
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.72	—	—	0.2	µg/L	Y	—	NQ	2017-2857	CALA-17-144806	GELC
R-6	1205.0	03/23/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.9	—	—	0.3	µg/L	Y	—	NQ	2017-1263	CALA-17-130491	GELC
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/19/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	4.79	2.55	10.1	—	pCi/L	Y	U	U	2017-2857	CALA-17-144813	GELC
R-6	1205.0	03/23/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.95	2.01	6.37	—	pCi/L	Y	U	U	2017-1263	CALA-17-130495	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.269	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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	09/19/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.303	—	—	0.017	mg/L	Y	—	NQ	2017-2857	CALA-17-144806	GELC
R-6	1205.0	03/23/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.24	—	—	0.017	mg/L	Y	—	NQ	2017-1263	CALA-17-130491	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	Y	0.000694	—	—	0.00047	µg/L	Y	—	J	N3B-2020-1607	CALA-20-199292	SwRI
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	Y	0.000481	—	—	0.00047	µg/L	Y	J	J	N3B-2020-1607	CALA-20-199294	SwRI
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.95	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	2.97	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	09/07/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3	—	—	3	µg/L	Y	U	UJ	N3B-2018-3815	CALA-18-160765	GELC
R-6	1205.0	08/23/2016	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.108	—	—	0.0323	µg/L	Y	U	U	2016-2159	CALA-16-124853	GELC
R-6	1205.0	08/23/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	10.4	—	—	3.13	µg/L	Y	U	U	2016-2159	CALA-16-124853	GELC
R-6	1205.0	09/09/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	5	—	—	1.5	µg/L	Y	U	U	2015-2324	CALA-15-103989	GELC
R-6	1205.0	09/09/2015	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.1	—	—	0.03	µg/L	Y	U	U	2015-2324	CALA-15-103989	GELC
R-6	1205.0	09/12/2014	WG	UF	RE	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	8.13	—	—	2.44	µg/L	Y	U	U	2014-4547	CALA-14-86014	GELC
R-6	1205.0	09/12/2014	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	9.43	—	—	2.83	µg/L	Y	U	U	2014-4547	CALA-14-86014	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	N	0.00036	—	—	0.00036	µg/L	Y	U	U	N3B-2020-1607	CALA-20-199292	SwRI
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	Y	0.000446	—	—	0.00036	µg/L	Y	J	J	N3B-2020-1607	CALA-20-199294	SwRI
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	2.95	—	—	2.95	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	2.97	—	—	2.97	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	09/07/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3	—	—	3	µg/L	Y	U	UJ	N3B-2018-3815	CALA-18-160765	GELC
R-6	1205.0	08/23/2016	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Nitrosodimethylamine[N-]	62-75-9	N	0.215	—	—	0.0753	µg/L	Y	U	U	2016-2159	CALA-16-124853	GELC
R-6	1205.0	08/23/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	10.4	—	—	3.13	µg/L	Y	U	U	2016-2159	CALA-16-124853	GELC
R-6	1205.0	09/09/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	5	—	—	1.5	µg/L	Y	U	U	2015-2324	CALA-15-103989	GELC
R-6	1205.0	09/09/2015	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Nitrosodimethylamine[N-]	62-75-9	N	0.2	—	—	0.07	µg/L	Y	U	U	2015-2324	CALA-15-103989	GELC
R-6	1205.0	09/12/2014	WG	UF	RE	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	8.13	—	—	2.44	µg/L	Y	U	U	2014-4547	CALA-14-86014	GELC
R-6	1205.0	09/12/2014	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	9.43	—	—	2.83	µg/L	Y	U	U	2014-4547	CALA-14-86014	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	LCMS/MS PERCHLORATE	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	WG	F	INIT	FD	LCMS/MS PERCHLORATE	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	WG	F	INIT	REG	LCMS/MS PERCHLORATE	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	WG	F	INIT	REG	LCMS/MS PERCHLORATE	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	09/19/2017	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.297	—	—	0.05	µg/L	Y	—	NQ	2017-2857	CALA-17-144806	GELC
R-6	1205.0	03/23/2017	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.294	—	—	0.05	µg/L	Y	—	NQ	2017-1263	CALA-17-130491	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	N	0.713	—	—	0.713	ng/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	LCMS/MS PFAS	EPA:537M	Perfluorooctanesulfonic acid	1763-23-1	Y	0.842	—	—	0.705	ng/L	Y	J	J	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/19/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00322	0.0125	0.0558	—	pCi/L	Y	U	U	2017-2857	CALA-17-144813	GELC
R-6	1205.0	03/23/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0034	0.017	0.0615	—	pCi/L	Y	U	U	2017-1263	CALA-17-130495	GELC
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/19/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0161	0.0107	0.0724	—	pCi/L	Y	U	U	2017-2857	CALA-17-144813	GELC
R-6	1205.0	03/23/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.0136	0.0118	0.0511	—	pCi/L	Y	U	U	2017-1263	CALA-17-130495	GELC
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.17	—	—	0.05	mg/L	Y	—	NQ	2017-2857	CALA-17-144806	GELC
R-6	1205.0	03/23/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.15	—	—	0.05	mg/L	Y	—	NQ	2017-1263	CALA-17-130491	GELC
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/19/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-8.23	19.9	80.7	—	pCi/L	Y	U	U	2017-2857	CALA-17-144813	GELC

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-6	1205.0	03/23/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	9.84	20.7	34.7	—	pCi/L	Y	U	U	2017-1263	CALA-17-130495	GELC
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	WG	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	08/25/2020	WG	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	WG	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
R-6	1205.0	08/25/2020	WG	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	WG	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	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74	—	—	0.053	mg/L	Y	—	NQ	2017-2857	CALA-17-144806	GELC
R-6	1205.0	03/23/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	75.6	—	—	0.053	mg/L	Y	—	NQ	2017-1263	CALA-17-130491	GELC
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	8.9	—	—	0.1	mg/L	Y	—	NQ	2017-2857	CALA-17-144806	GELC
R-6	1205.0	03/23/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.37	—	—	0.1	mg/L	Y	—	NQ	2017-1263	CALA-17-130491	GELC
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/19/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.141	1.29	5.08	—	pCi/L	Y	U	U	2017-2857	CALA-17-144813	GELC
R-6	1205.0	03/23/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.0143	0.857	3.15	—	pCi/L	Y	U	U	2017-1263	CALA-17-130495	GELC
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/19/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	210	—	—	1	µS/cm	Y	—	NQ	2017-2857	CALA-17-144806	GELC
R-6	1205.0	03/23/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	144	—	—	1	µS/cm	Y	—	NQ	2017-1263	CALA-17-130491	GELC
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	53.1	—	—	1	µg/L	Y	—	NQ	2017-2857	CALA-17-144806	GELC
R-6	1205.0	03/23/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	59.1	—	—	1	µg/L	Y	—	NQ	2017-1263	CALA-17-130491	GELC
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/19/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.131	0.12	0.487	—	pCi/L	Y	U	U	2017-2857	CALA-17-144813	GELC
R-6	1205.0	03/23/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.282	0.108	0.454	—	pCi/L	Y	U	U	2017-1263	CALA-17-130495	GELC
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/19/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.25	—	—	0.133	mg/L	Y	—	NQ	2017-2857	CALA-17-144806	GELC
R-6	1205.0	03/23/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	2.29	—	—	0.133	mg/L	Y	—	NQ	2017-1263	CALA-17-130491	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1606	CALA-20-199293	GELC
R-6	1205.0	08/25/2020	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1606	CALA-20-199295	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	09/09/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-3247	CALA-19-185305	GELC
R-6	1205.0	09/09/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-3247	CALA-19-185306	GELC

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-6	1205.0	09/07/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-3815	CALA-18-160764	GELC
R-6	1205.0	09/07/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-3815	CALA-18-160765	GELC
R-6	1205.0	09/19/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-2857	CALA-17-144813	GELC
R-6	1205.0	09/19/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-2857	CALA-17-144806	GELC
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	1205.0	09/19/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	129	—	—	3.4	mg/L	Y	—	NQ	2017-2857	CALA-17-144806	GELC
R-6	1205.0	03/23/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	169	—	—	3.4	mg/L	Y	—	NQ	2017-1263	CALA-17-130491	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.081	—	—	0.033	mg/L	Y	J	J+	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	09/09/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0978	—	—	0.033	mg/L	Y	J	U	N3B-2019-3247	CALA-19-185305	GELC
R-6	1205.0	09/07/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2018-3815	CALA-18-160765	GELC
R-6	1205.0	09/19/2017	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2017-2857	CALA-17-144813	GELC
R-6	1205.0	03/23/2017	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.5	—	—	0.165	mg/L	Y	U	U	2017-1263	CALA-17-130495	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	N	0	—	—	—	ng/L	—	U	—	N3B-2020-1606	CALA-20-199292	GELC
R-6	1205.0	08/25/2020	WG	UF	INIT	FD	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	Y	0.842	—	—	—	ng/L	—	J	—	N3B-2020-1606	CALA-20-199294	GELC
R-6	1205.0	08/25/2020	WG	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	1205.0	08/25/2020	WG	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	1205.0	09/09/2019	WG	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
R-6	1205.0	09/07/2018	WG	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	09/19/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.326	0.55	1.84	—	pCi/L	Y	U	U	2017-2873	CALA-17-144813	ARSL
R-6	1205.0	08/23/2016	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	N	-140	47.6	190	—	pCi/L	Y	U	U	2016-2159	CALA-16-124853	GELC
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.274	—	—	0.067	µg/L	Y	—	NQ	2017-2857	CALA-17-144806	GELC
R-6	1205.0	03/23/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.289	—	—	0.067	µg/L	Y	—	NQ	2017-1263	CALA-17-130491	GELC
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/19/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.329	0.0462	0.0955	—	pCi/L	Y	—	NQ	2017-2857	CALA-17-144813	GELC
R-6	1205.0	03/23/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.275	0.0248	0.104	—	pCi/L	Y	—	NQ	2017-1263	CALA-17-130495	GELC
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/19/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.173	0.033	0.102	—	pCi/L	Y	—	NQ	2017-2857	CALA-17-144813	GELC
R-6	1205.0	03/23/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0618	0.0134	0.089	—	pCi/L	Y	U	U	2017-1263	CALA-17-130495	GELC
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/19/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.18	0.0349	0.0923	—	pCi/L	Y	—	NQ	2017-2857	CALA-17-144813	GELC
R-6	1205.0	03/23/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.152	0.0183	0.104	—	pCi/L	Y	—	NQ	2017-1263	CALA-17-130495	GELC
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	8.57	—	—	1	µg/L	Y	—	NQ	2017-2857	CALA-17-144806	GELC
R-6	1205.0	03/23/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	9.18	—	—	1	µg/L	Y	—	NQ	2017-1263	CALA-17-130491	GELC
R-6	1205.0	08/25/2020	WG	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	WG	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	WG	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	WG	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

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-6	1205.0	09/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2017-2857	CALA-17-144806	GELC
R-6	1205.0	03/23/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-1263	CALA-17-130491	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	2.41	—	—	1.5	µg/L	Y	J	J	N3B-2020-1635	CALA-20-199306	GELC
R-64	1285.0	09/04/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	5.04	—	—	1.5	µg/L	Y	J	J	N3B-2019-3231	CALA-19-185308	GELC
R-64	1285.0	09/04/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2018-3722	CALA-18-160768	GELC
R-64	1285.0	09/19/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	2017-2856	CALA-17-144814	GELC
R-64	1285.0	08/29/2016	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	UH	UJ	2016-2254	CALA-16-124854	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.3	—	—	0.01	SU	Y	H	NQ	N3B-2020-1635	CALA-20-199307	GELC
R-64	1285.0	09/04/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.48	—	—	0.01	SU	Y	H	NQ	N3B-2019-3231	CALA-19-185309	GELC
R-64	1285.0	09/04/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.31	—	—	0.01	SU	Y	H	NQ	N3B-2018-3722	CALA-18-160767	GELC
R-64	1285.0	09/19/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.36	—	—	0.01	SU	Y	H	NQ	2017-2856	CALA-17-144807	GELC
R-64	1285.0	08/29/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.15	—	—	0.01	SU	Y	H	NQ	2016-2254	CALA-16-124870	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199307	GELC
R-64	1285.0	09/04/2019	WG	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	WG	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	09/19/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	61.9	—	—	1.45	mg/L	Y	—	NQ	2017-2856	CALA-17-144807	GELC
R-64	1285.0	08/29/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62.2	—	—	1.45	mg/L	Y	—	NQ	2016-2254	CALA-16-124870	GELC
R-64	1285.0	08/28/2020	WG	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	WG	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	WG	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	09/19/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	-0.00452	0.0096	0.0397	—	pCi/L	Y	U	U	2017-2856	CALA-17-144814	GELC
R-64	1285.0	03/23/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.004	0.00632	0.0464	—	pCi/L	Y	U	U	2017-1263	CALA-17-130496	GELC
R-64	1285.0	03/23/2017	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00412	0.00505	0.0478	—	pCi/L	Y	U	U	2017-1263	CALA-17-130499	GELC
R-64	1285.0	08/28/2020	WG	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	WG	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	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	14.4	—	—	1	µg/L	Y	—	NQ	N3B-2018-3722	CALA-18-160767	GELC
R-64	1285.0	09/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	13.3	—	—	1	µg/L	Y	—	NQ	2017-2856	CALA-17-144807	GELC
R-64	1285.0	03/23/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	12.7	—	—	1	µg/L	Y	—	NQ	2017-1263	CALA-17-130492	GELC
R-64	1285.0	03/23/2017	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	12.8	—	—	1	µg/L	Y	—	NQ	2017-1263	CALA-17-130500	GELC
R-64	1285.0	08/28/2020	WG	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	WG	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	WG	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	09/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.97	—	—	0.05	mg/L	Y	—	NQ	2017-2856	CALA-17-144807	GELC
R-64	1285.0	03/23/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.76	—	—	0.05	mg/L	Y	—	NQ	2017-1263	CALA-17-130492	GELC
R-64	1285.0	03/23/2017	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	9.63	—	—	0.05	mg/L	Y	—	NQ	2017-1263	CALA-17-130500	GELC
R-64	1285.0	08/28/2020	WG	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	WG	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	WG	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	09/19/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.421	1.2	4.65	—	pCi/L	Y	U	U	2017-2856	CALA-17-144814	GELC
R-64	1285.0	03/23/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.841	0.862	3.36	—	pCi/L	Y	U	U	2017-1263	CALA-17-130496	GELC
R-64	1285.0	03/23/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.69	1.12	4.46	—	pCi/L	Y	U	U	2017-1263	CALA-17-130499	GELC
R-64	1285.0	08/28/2020	WG	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	WG	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	WG	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	09/19/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.26	—	—	0.067	mg/L	Y	—	NQ	2017-2856	CALA-17-144807	GELC
R-64	1285.0	08/29/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	1.34	—	—	0.067	mg/L	Y	—	NQ	2016-2254	CALA-16-124870	GELC
R-64	1285.0	08/28/2020	WG	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	WG	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	WG	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	09/19/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.1	1.04	4.94	—	pCi/L	Y	U	U	2017-2856	CALA-17-144814	GELC
R-64	1285.0	03/23/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.486	0.853	3.11	—	pCi/L	Y	U	U	2017-1263	CALA-17-130496	GELC
R-64	1285.0	03/23/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.45	1.19	3.6	—	pCi/L	Y	U	U	2017-1263	CALA-17-130499	GELC
R-64	1285.0	08/28/2020	WG	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	WG	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	WG	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	09/19/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.275	—	—	0.033	mg/L	Y	—	NQ	2017-2856	CALA-17-144807	GELC
R-64	1285.0	08/29/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.254	—	—	0.033	mg/L	Y	—	NQ	2016-2254	CALA-16-124870	GELC
R-64	1285.0	08/28/2020	WG	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

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-64	1285.0	09/04/2019	WG	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	WG	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	09/19/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.22	0.824	2.72	—	pCi/L	Y	U	U	2017-2856	CALA-17-144814	GELC
R-64	1285.0	03/23/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	1.03	0.335	1.02	—	pCi/L	Y	—	NQ	2017-1263	CALA-17-130496	GELC
R-64	1285.0	03/23/2017	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	-0.319	0.31	1.18	—	pCi/L	Y	U	U	2017-1263	CALA-17-130499	GELC
R-64	1285.0	08/28/2020	WG	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	WG	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	WG	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	09/19/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.58	0.623	1.87	—	pCi/L	Y	U	U	2017-2856	CALA-17-144814	GELC
R-64	1285.0	03/23/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.803	0.719	2.42	—	pCi/L	Y	U	U	2017-1263	CALA-17-130496	GELC
R-64	1285.0	03/23/2017	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	0.452	0.845	2.9	—	pCi/L	Y	U	U	2017-1263	CALA-17-130499	GELC
R-64	1285.0	08/28/2020	WG	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	WG	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	WG	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	09/19/2017	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	36	—	—	0.453	mg/L	Y	—	NQ	2017-2856	CALA-17-144807	GELC
R-64	1285.0	03/23/2017	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	34.7	—	—	0.453	mg/L	Y	—	NQ	2017-1263	CALA-17-130492	GELC
R-64	1285.0	03/23/2017	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	34.6	—	—	0.453	mg/L	Y	—	NQ	2017-1263	CALA-17-130500	GELC
R-64	1285.0	08/28/2020	WG	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	WG	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	WG	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	09/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.7	—	—	0.11	mg/L	Y	—	NQ	2017-2856	CALA-17-144807	GELC
R-64	1285.0	03/23/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.51	—	—	0.11	mg/L	Y	—	NQ	2017-1263	CALA-17-130492	GELC
R-64	1285.0	03/23/2017	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	2.56	—	—	0.11	mg/L	Y	—	NQ	2017-1263	CALA-17-130500	GELC
R-64	1285.0	08/28/2020	WG	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	WG	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	WG	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	09/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.556	—	—	0.2	µg/L	Y	—	NQ	2017-2856	CALA-17-144807	GELC
R-64	1285.0	03/23/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.701	—	—	0.3	µg/L	Y	—	NQ	2017-1263	CALA-17-130492	GELC
R-64	1285.0	03/23/2017	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	0.68	—	—	0.3	µg/L	Y	—	NQ	2017-1263	CALA-17-130500	GELC
R-64	1285.0	08/28/2020	WG	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	WG	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	WG	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	09/19/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-4.23	2.54	8.25	—	pCi/L	Y	U	U	2017-2856	CALA-17-144814	GELC
R-64	1285.0	03/23/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.38	1.92	6.64	—	pCi/L	Y	U	U	2017-1263	CALA-17-130496	GELC
R-64	1285.0	03/23/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.0229	1.91	7.09	—	pCi/L	Y	U	U	2017-1263	CALA-17-130499	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	LCMS/MS PERCHLORATE	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	WG	F	INIT	REG	LCMS/MS PERCHLORATE	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	WG	F	INIT	REG	LCMS/MS PERCHLORATE	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	09/19/2017	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.21	—	—	0.05	µg/L	Y	—	NQ	2017-2856	CALA-17-144807	GELC
R-64	1285.0	08/29/2016	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.196	—	—	0.05	µg/L	Y	J	J	2016-2254	CALA-16-124870	GELC
R-64	1285.0	08/28/2020	WG	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	WG	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	WG	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	09/19/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.0356	0.0197	0.0561	—	pCi/L	Y	U	U	2017-2856	CALA-17-144814	GELC
R-64	1285.0	03/23/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0128	0.00782	0.0577	—	pCi/L	Y	U	U	2017-1263	CALA-17-130496	GELC
R-64	1285.0	03/23/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0168	0.0172	0.0505	—	pCi/L	Y	U	U	2017-1263	CALA-17-130499	GELC
R-64	1285.0	08/28/2020	WG	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	WG	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	WG	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	09/19/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0194	0.0171	0.0727	—	pCi/L	Y	U	U	2017-2856	CALA-17-144814	GELC
R-64	1285.0	03/23/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00957	0.0115	0.048	—	pCi/L	Y	U	U	2017-1263	CALA-17-130496	GELC
R-64	1285.0	03/23/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00838	0.0108	0.0421	—	pCi/L	Y	U	U	2017-1263	CALA-17-130499	GELC
R-64	1285.0	08/28/2020	WG	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	WG	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	WG	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	09/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.14	—	—	0.05	mg/L	Y	—	NQ	2017-2856	CALA-17-144807	GELC
R-64	1285.0	03/23/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	1.18	—	—	0.05	mg/L	Y	—	NQ	2017-1263	CALA-17-130492	GELC
R-64	1285.0	03/23/2017	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	1.19	—	—	0.05	mg/L	Y	—	NQ	2017-1263	CALA-17-130500	GELC

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-64	1285.0	08/28/2020	WG	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	WG	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	WG	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	09/19/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	7.42	16.4	70.1	—	pCi/L	Y	U	U	2017-2856	CALA-17-144814	GELC
R-64	1285.0	03/23/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-14.8	16.1	50.1	—	pCi/L	Y	U	U	2017-1263	CALA-17-130496	GELC
R-64	1285.0	03/23/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	-18.1	14	43.6	—	pCi/L	Y	U	U	2017-1263	CALA-17-130499	GELC
R-64	1285.0	08/28/2020	WG	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	WG	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	08/28/2020	WG	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	08/28/2020	WG	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	WG	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	08/28/2020	WG	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	WG	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	WG	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	09/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.8	—	—	0.053	mg/L	Y	—	NQ	2017-2856	CALA-17-144807	GELC
R-64	1285.0	03/23/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	61.7	—	—	0.053	mg/L	Y	—	NQ	2017-1263	CALA-17-130492	GELC
R-64	1285.0	03/23/2017	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.4	—	—	0.053	mg/L	Y	—	NQ	2017-1263	CALA-17-130500	GELC
R-64	1285.0	08/28/2020	WG	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	WG	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	WG	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	09/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.8	—	—	0.1	mg/L	Y	—	NQ	2017-2856	CALA-17-144807	GELC
R-64	1285.0	03/23/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	11.2	—	—	0.1	mg/L	Y	—	NQ	2017-1263	CALA-17-130492	GELC
R-64	1285.0	03/23/2017	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	13.4	—	—	0.1	mg/L	Y	—	NQ	2017-1263	CALA-17-130500	GELC
R-64	1285.0	08/28/2020	WG	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	WG	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	WG	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	09/19/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	2.54	1.13	0.917	—	pCi/L	Y	UI	U	2017-2856	CALA-17-144814	GELC
R-64	1285.0	03/23/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.333	0.735	3.04	—	pCi/L	Y	U	U	2017-1263	CALA-17-130496	GELC
R-64	1285.0	03/23/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	0.824	1.02	4.29	—	pCi/L	Y	U	U	2017-1263	CALA-17-130499	GELC
R-64	1285.0	08/28/2020	WG	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
R-64	1285.0	09/04/2019	WG	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	WG	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	09/19/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	134	—	—	1	µS/cm	Y	—	NQ	2017-2856	CALA-17-144807	GELC
R-64	1285.0	08/29/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	112	—	—	3.63	µS/cm	Y	—	NQ	2016-2254	CALA-16-124870	GELC
R-64	1285.0	08/28/2020	WG	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	WG	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	WG	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	09/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	51.5	—	—	1	µg/L	Y	—	NQ	2017-2856	CALA-17-144807	GELC
R-64	1285.0	03/23/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	54.7	—	—	1	µg/L	Y	—	NQ	2017-1263	CALA-17-130492	GELC
R-64	1285.0	03/23/2017	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	55.7	—	—	1	µg/L	Y	—	NQ	2017-1263	CALA-17-130500	GELC
R-64	1285.0	08/28/2020	WG	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	WG	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	WG	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	09/19/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0894	0.139	0.493	—	pCi/L	Y	U	U	2017-2856	CALA-17-144814	GELC
R-64	1285.0	03/23/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.163	0.109	0.364	—	pCi/L	Y	U	U	2017-1263	CALA-17-130496	GELC
R-64	1285.0	03/23/2017	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.168	0.106	0.428	—	pCi/L	Y	U	U	2017-1263	CALA-17-130499	GELC
R-64	1285.0	08/28/2020	WG	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	WG	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	WG	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	09/19/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.71	—	—	0.133	mg/L	Y	—	NQ	2017-2856	CALA-17-144807	GELC
R-64	1285.0	08/29/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	1.83	—	—	0.133	mg/L	Y	—	NQ	2016-2254	CALA-16-124870	GELC
R-64	1285.0	08/28/2020	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1635	CALA-20-199307	GELC
R-64	1285.0	08/28/2020	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1635	CALA-20-199306	GELC
R-64	1285.0	09/04/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-3231	CALA-19-185308	GELC
R-64	1285.0	09/04/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	1	—	—	—	deg C	Y	—	NQ	N3B-2019-3231	CALA-19-185309	GELC
R-64	1285.0	09/04/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2018-3722	CALA-18-160767	GELC
R-64	1285.0	09/04/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2018-3722	CALA-18-160768	GELC
R-64	1285.0	09/19/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-2856	CALA-17-144814	GELC

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-64	1285.0	09/19/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-2856	CALA-17-144807	GELC
R-64	1285.0	08/28/2020	WG	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	WG	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	WG	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	1285.0	09/19/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	113	—	—	3.4	mg/L	Y	—	NQ	2017-2856	CALA-17-144807	GELC
R-64	1285.0	03/23/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	239	—	—	3.4	mg/L	Y	—	NQ	2017-1263	CALA-17-130492	GELC
R-64	1285.0	03/23/2017	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	246	—	—	3.4	mg/L	Y	—	NQ	2017-1263	CALA-17-130500	GELC
R-64	1285.0	08/28/2020	WG	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	1285.0	09/04/2019	WG	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	1285.0	09/04/2018	WG	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	09/19/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.381	0.777	2.606	—	pCi/L	Y	U	U	2017-2872	CALA-17-144814	ARSL
R-64	1285.0	03/23/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.526	0.777	2.588	—	pCi/L	Y	U	U	2017-1286	CALA-17-130496	ARSL
R-64	1285.0	03/23/2017	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-1.051	0.802	2.733	—	pCi/L	Y	U	U	2017-1286	CALA-17-130499	ARSL
R-64	1285.0	08/28/2020	WG	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	WG	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	WG	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	09/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.663	—	—	0.067	µg/L	Y	—	NQ	2017-2856	CALA-17-144807	GELC
R-64	1285.0	03/23/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.69	—	—	0.067	µg/L	Y	—	NQ	2017-1263	CALA-17-130492	GELC
R-64	1285.0	03/23/2017	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.7	—	—	0.067	µg/L	Y	—	NQ	2017-1263	CALA-17-130500	GELC
R-64	1285.0	08/28/2020	WG	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	WG	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	WG	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	09/19/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.591	0.0395	0.0537	—	pCi/L	Y	—	NQ	2017-2856	CALA-17-144814	GELC
R-64	1285.0	03/23/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.563	0.0365	0.12	—	pCi/L	Y	—	NQ	2017-1263	CALA-17-130496	GELC
R-64	1285.0	03/23/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.468	0.0352	0.135	—	pCi/L	Y	—	NQ	2017-1263	CALA-17-130499	GELC
R-64	1285.0	08/28/2020	WG	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	WG	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	WG	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	09/19/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0219	0.0144	0.0571	—	pCi/L	Y	U	U	2017-2856	CALA-17-144814	GELC
R-64	1285.0	03/23/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.022	0.011	0.103	—	pCi/L	Y	U	U	2017-1263	CALA-17-130496	GELC
R-64	1285.0	03/23/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0248	0.0116	0.116	—	pCi/L	Y	U	U	2017-1263	CALA-17-130499	GELC
R-64	1285.0	08/28/2020	WG	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	WG	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	WG	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	09/19/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.302	0.0284	0.0519	—	pCi/L	Y	—	NQ	2017-2856	CALA-17-144814	GELC
R-64	1285.0	03/23/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.287	0.0258	0.121	—	pCi/L	Y	—	NQ	2017-1263	CALA-17-130496	GELC
R-64	1285.0	03/23/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.225	0.024	0.136	—	pCi/L	Y	—	NQ	2017-1263	CALA-17-130499	GELC
R-64	1285.0	08/28/2020	WG	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	WG	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	WG	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	09/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.42	—	—	1	µg/L	Y	J	J	2017-2856	CALA-17-144807	GELC
R-64	1285.0	03/23/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.56	—	—	1	µg/L	Y	J	J	2017-1263	CALA-17-130492	GELC
R-64	1285.0	03/23/2017	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	4.06	—	—	1	µg/L	Y	J	J	2017-1263	CALA-17-130500	GELC
R-64	1285.0	08/28/2020	WG	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	WG	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	WG	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
R-64	1285.0	09/19/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2017-2856	CALA-17-144807	GELC
R-64	1285.0	03/23/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-1263	CALA-17-130492	GELC
R-64	1285.0	03/23/2017	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2017-1263	CALA-17-130500	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.96	—	—	0.01	SU	Y	H	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-66	819.4	09/12/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.98	—	—	0.01	SU	Y	H	NQ	N3B-2019-3284	CALA-19-185311	GELC
R-66	819.4	09/12/2019	WG	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	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8	—	—	0.01	SU	Y	H	NQ	N3B-2018-3908	CALA-18-160770	GELC
R-66	819.4	09/18/2018	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.01	—	—	0.01	SU	Y	H	NQ	N3B-2018-3908	CALA-18-160772	GELC
R-66	819.4	09/27/2017	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.98	—	—	0.01	SU	Y	H	NQ	2017-2930	CALA-17-143820	GELC
R-66	819.4	09/27/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.97	—	—	0.01	SU	Y	H	NQ	2017-2930	CALA-17-144808	GELC
R-66	819.4	03/28/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.93	—	—	0.01	SU	Y	H	NQ	2017-1280	CALA-17-130493	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	86.1	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-66	819.4	09/12/2019	WG	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	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	88.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2019-3284	CALA-19-185313	GELC
R-66	819.4	09/18/2018	WG	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	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	88.4	—	—	1.45	mg/L	Y	—	NQ	N3B-2018-3908	CALA-18-160772	GELC
R-66	819.4	09/27/2017	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	84.8	—	—	1.45	mg/L	Y	—	NQ	2017-2930	CALA-17-143820	GELC
R-66	819.4	09/27/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	88	—	—	1.45	mg/L	Y	—	NQ	2017-2930	CALA-17-144808	GELC
R-66	819.4	03/28/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	88	—	—	1.45	mg/L	Y	—	NQ	2017-1280	CALA-17-130493	GELC
R-66	819.4	08/28/2020	WG	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	WG	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	WG	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	WG	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	WG	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	09/27/2017	WG	UF	INIT	FD	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0304	0.0373	0.133	—	pCi/L	Y	U	U	2017-2930	CALA-17-143821	GELC
R-66	819.4	09/27/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0018	0.0109	0.0315	—	pCi/L	Y	U	U	2017-2930	CALA-17-144815	GELC
R-66	819.4	03/28/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0182	0.0089	0.0453	—	pCi/L	Y	U	U	2017-1280	CALA-17-130497	GELC
R-66	819.4	08/28/2020	WG	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	WG	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	WG	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	WG	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	WG	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	09/27/2017	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	2.2	—	—	2	µg/L	Y	J	J	2017-2930	CALA-17-143820	GELC
R-66	819.4	09/27/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.55	—	—	2	µg/L	Y	J	J	2017-2930	CALA-17-144808	GELC
R-66	819.4	03/28/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.81	—	—	1.7	µg/L	Y	J	J	2017-1280	CALA-17-130493	GELC
R-66	819.4	08/28/2020	WG	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	WG	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	WG	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	WG	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	WG	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	09/27/2017	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.7	—	—	1	µg/L	Y	—	NQ	2017-2930	CALA-17-143820	GELC
R-66	819.4	09/27/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	28.2	—	—	1	µg/L	Y	—	NQ	2017-2930	CALA-17-144808	GELC
R-66	819.4	03/28/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	29.1	—	—	1	µg/L	Y	—	NQ	2017-1280	CALA-17-130493	GELC
R-66	819.4	08/28/2020	WG	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	WG	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	WG	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	WG	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	WG	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	09/27/2017	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Boron	B	Y	34.9	—	—	15	µg/L	Y	J	J	2017-2930	CALA-17-143820	GELC
R-66	819.4	09/27/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	33.5	—	—	15	µg/L	Y	J	J	2017-2930	CALA-17-144808	GELC
R-66	819.4	03/28/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	37.6	—	—	15	µg/L	Y	J	J	2017-1280	CALA-17-130493	GELC
R-66	819.4	08/28/2020	WG	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	WG	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	WG	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	WG	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	WG	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	09/27/2017	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.8	—	—	0.05	mg/L	Y	—	NQ	2017-2930	CALA-17-143820	GELC
R-66	819.4	09/27/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17.5	—	—	0.05	mg/L	Y	—	NQ	2017-2930	CALA-17-144808	GELC
R-66	819.4	03/28/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	17	—	—	0.05	mg/L	Y	—	NQ	2017-1280	CALA-17-130493	GELC
R-66	819.4	08/28/2020	WG	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	WG	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	WG	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	WG	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	WG	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	09/27/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.21	1.03	4.22	—	pCi/L	Y	U	U	2017-2930	CALA-17-143821	GELC
R-66	819.4	09/27/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	3	1.37	4.21	—	pCi/L	Y	U	U	2017-2930	CALA-17-144815	GELC
R-66	819.4	03/28/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-0.254	0.997	3.47	—	pCi/L	Y	U	U	2017-1280	CALA-17-130497	GELC
R-66	819.4	08/28/2020	WG	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	WG	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	WG	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

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-66	819.4	09/18/2018	WG	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	WG	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	09/27/2017	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.45	—	—	0.067	mg/L	Y	—	NQ	2017-2930	CALA-17-143820	GELC
R-66	819.4	09/27/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.45	—	—	0.067	mg/L	Y	—	NQ	2017-2930	CALA-17-144808	GELC
R-66	819.4	03/28/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	3.77	—	—	0.067	mg/L	Y	—	NQ	2017-1280	CALA-17-130493	GELC
R-66	819.4	08/28/2020	WG	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	WG	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	WG	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	WG	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	WG	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	09/27/2017	WG	F	INIT	FD	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.2	—	—	3	µg/L	Y	J	J	2017-2930	CALA-17-143820	GELC
R-66	819.4	09/27/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.1	—	—	3	µg/L	Y	J	J	2017-2930	CALA-17-144808	GELC
R-66	819.4	03/28/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	4.23	—	—	3	µg/L	Y	J	J	2017-1280	CALA-17-130493	GELC
R-66	819.4	08/28/2020	WG	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	WG	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	WG	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	WG	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	WG	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	09/27/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.37	1.17	4.45	—	pCi/L	Y	U	U	2017-2930	CALA-17-143821	GELC
R-66	819.4	09/27/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.54	0.878	4.72	—	pCi/L	Y	U	U	2017-2930	CALA-17-144815	GELC
R-66	819.4	03/28/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.389	1.13	3.55	—	pCi/L	Y	U	U	2017-1280	CALA-17-130497	GELC
R-66	819.4	08/28/2020	WG	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	WG	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	WG	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	WG	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	WG	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	09/27/2017	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.239	—	—	0.033	mg/L	Y	—	NQ	2017-2930	CALA-17-143820	GELC
R-66	819.4	09/27/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.248	—	—	0.033	mg/L	Y	—	NQ	2017-2930	CALA-17-144808	GELC
R-66	819.4	03/28/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.342	—	—	0.033	mg/L	Y	—	NQ	2017-1280	CALA-17-130493	GELC
R-66	819.4	08/28/2020	WG	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	WG	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	WG	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	WG	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	WG	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	09/27/2017	WG	UF	INIT	FD	RAD	EPA:900	Gross alpha	GROSSA	N	1.56	0.817	2.38	—	pCi/L	Y	U	U	2017-2930	CALA-17-143821	GELC
R-66	819.4	09/27/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.75	0.938	2.88	—	pCi/L	Y	U	U	2017-2930	CALA-17-144815	GELC
R-66	819.4	03/28/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	-0.732	0.701	2.84	—	pCi/L	Y	U	U	2017-1280	CALA-17-130497	GELC
R-66	819.4	08/28/2020	WG	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	WG	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	WG	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	WG	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	WG	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	09/27/2017	WG	UF	INIT	FD	RAD	EPA:900	Gross beta	GROSSB	N	1.34	0.801	2.64	—	pCi/L	Y	U	U	2017-2930	CALA-17-143821	GELC
R-66	819.4	09/27/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	2.51	0.909	2.81	—	pCi/L	Y	U	U	2017-2930	CALA-17-144815	GELC
R-66	819.4	03/28/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	1.48	0.793	2.6	—	pCi/L	Y	U	U	2017-1280	CALA-17-130497	GELC
R-66	819.4	08/28/2020	WG	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	WG	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	WG	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	WG	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	WG	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	09/27/2017	WG	F	INIT	FD	INORGANIC	SM:A2340B	Hardness	HARDNESS	N	4.53	—	—	4.53	mg/L	Y	U	U	2017-2930	CALA-17-143820	GELC
R-66	819.4	09/27/2017	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.1	—	—	0.453	mg/L	Y	—	NQ	2017-2930	CALA-17-144808	GELC
R-66	819.4	03/28/2017	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	62.3	—	—	0.453	mg/L	Y	—	NQ	2017-1280	CALA-17-130493	GELC
R-66	819.4	08/28/2020	WG	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	WG	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	WG	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	WG	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	WG	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

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-66	819.4	09/27/2017	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	5.03	—	—	0.11	mg/L	Y	—	NQ	2017-2930	CALA-17-143820	GELC
R-66	819.4	09/27/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.97	—	—	0.11	mg/L	Y	—	NQ	2017-2930	CALA-17-144808	GELC
R-66	819.4	03/28/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	4.81	—	—	0.11	mg/L	Y	—	NQ	2017-1280	CALA-17-130493	GELC
R-66	819.4	08/28/2020	WG	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	WG	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	WG	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	WG	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	WG	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	09/27/2017	WG	F	INIT	FD	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.5	—	—	0.2	µg/L	Y	—	NQ	2017-2930	CALA-17-143820	GELC
R-66	819.4	09/27/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.45	—	—	0.2	µg/L	Y	—	NQ	2017-2930	CALA-17-144808	GELC
R-66	819.4	03/28/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.52	—	—	0.3	µg/L	Y	—	NQ	2017-1280	CALA-17-130493	GELC
R-66	819.4	08/28/2020	WG	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	WG	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	WG	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	WG	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	WG	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	09/27/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Neptunium-237	Np-237	N	-0.614	2.46	8.21	—	pCi/L	Y	U	U	2017-2930	CALA-17-143821	GELC
R-66	819.4	09/27/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	6.66	2.64	8.07	—	pCi/L	Y	U	U	2017-2930	CALA-17-144815	GELC
R-66	819.4	03/28/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2.74	1.8	6.1	—	pCi/L	Y	U	U	2017-1280	CALA-17-130497	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	LCMS/MS PERCHLORATE	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	WG	F	INIT	REG	LCMS/MS PERCHLORATE	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	WG	F	INIT	FD	LCMS/MS PERCHLORATE	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	WG	F	INIT	REG	LCMS/MS PERCHLORATE	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	WG	F	INIT	FD	LCMS/MS PERCHLORATE	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	09/27/2017	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.536	—	—	0.05	µg/L	Y	—	NQ	2017-2930	CALA-17-143820	GELC
R-66	819.4	09/27/2017	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.532	—	—	0.05	µg/L	Y	—	NQ	2017-2930	CALA-17-144808	GELC
R-66	819.4	03/28/2017	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.529	—	—	0.05	µg/L	Y	—	NQ	2017-1280	CALA-17-130493	GELC
R-66	819.4	08/28/2020	WG	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	WG	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	WG	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	WG	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	WG	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	09/27/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00719	0.00719	0.0415	—	pCi/L	Y	U	U	2017-2930	CALA-17-143821	GELC
R-66	819.4	09/27/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0044	0.00696	0.0381	—	pCi/L	Y	U	U	2017-2930	CALA-17-144815	GELC
R-66	819.4	03/28/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00654	0.00723	0.0395	—	pCi/L	Y	U	U	2017-1280	CALA-17-130497	GELC
R-66	819.4	08/28/2020	WG	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	WG	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	WG	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	WG	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	WG	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	09/27/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0263	0.0115	0.0538	—	pCi/L	Y	U	U	2017-2930	CALA-17-143821	GELC
R-66	819.4	09/27/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.022	0.00823	0.0494	—	pCi/L	Y	U	U	2017-2930	CALA-17-144815	GELC
R-66	819.4	03/28/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00436	0.00689	0.0431	—	pCi/L	Y	U	U	2017-1280	CALA-17-130497	GELC
R-66	819.4	08/28/2020	WG	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	WG	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	WG	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	WG	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	WG	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	09/27/2017	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Potassium	K	Y	2.15	—	—	0.05	mg/L	Y	—	NQ	2017-2930	CALA-17-143820	GELC
R-66	819.4	09/27/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.11	—	—	0.05	mg/L	Y	—	NQ	2017-2930	CALA-17-144808	GELC
R-66	819.4	03/28/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	2.15	—	—	0.05	mg/L	Y	—	NQ	2017-1280	CALA-17-130493	GELC
R-66	819.4	08/28/2020	WG	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
R-66	819.4	09/12/2019	WG	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	WG	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	WG	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	WG	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	09/27/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Potassium-40	K-40	N	15	19.7	39.5	—	pCi/L	Y	U	U	2017-2930	CALA-17-143821	GELC
R-66	819.4	09/27/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	29.1	17.8	9.48	—	pCi/L	Y	UI	U	2017-2930	CALA-17-144815	GELC

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-66	819.4	03/28/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-7.17	13.4	46.6	—	pCi/L	Y	U	U	2017-1280	CALA-17-130497	GELC
R-66	819.4	08/28/2020	WG	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	WG	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	08/28/2020	WG	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	08/28/2020	WG	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	WG	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	08/28/2020	WG	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	WG	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	WG	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	WG	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	WG	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	09/27/2017	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	73.7	—	—	0.053	mg/L	Y	—	NQ	2017-2930	CALA-17-143820	GELC
R-66	819.4	09/27/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72.6	—	—	0.053	mg/L	Y	—	NQ	2017-2930	CALA-17-144808	GELC
R-66	819.4	03/28/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	72	—	—	0.053	mg/L	Y	—	NQ	2017-1280	CALA-17-130493	GELC
R-66	819.4	08/28/2020	WG	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	WG	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	WG	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	WG	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	WG	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	09/27/2017	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.7	—	—	0.1	mg/L	Y	—	NQ	2017-2930	CALA-17-143820	GELC
R-66	819.4	09/27/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.3	—	—	0.1	mg/L	Y	—	NQ	2017-2930	CALA-17-144808	GELC
R-66	819.4	03/28/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	12.9	—	—	0.1	mg/L	Y	—	NQ	2017-1280	CALA-17-130493	GELC
R-66	819.4	08/28/2020	WG	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	WG	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	WG	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	WG	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	WG	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	09/27/2017	WG	UF	INIT	FD	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.57	0.93	3.52	—	pCi/L	Y	U	U	2017-2930	CALA-17-143821	GELC
R-66	819.4	09/27/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.151	1.23	4.88	—	pCi/L	Y	U	U	2017-2930	CALA-17-144815	GELC
R-66	819.4	03/28/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.317	0.842	2.86	—	pCi/L	Y	U	U	2017-1280	CALA-17-130497	GELC
R-66	819.4	08/28/2020	WG	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	WG	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	WG	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	WG	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	WG	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	09/27/2017	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	201	—	—	1	µS/cm	Y	—	NQ	2017-2930	CALA-17-143820	GELC
R-66	819.4	09/27/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	205	—	—	1	µS/cm	Y	—	NQ	2017-2930	CALA-17-144808	GELC
R-66	819.4	03/28/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	191	—	—	1	µS/cm	Y	—	NQ	2017-1280	CALA-17-130493	GELC
R-66	819.4	08/28/2020	WG	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	WG	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	WG	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	WG	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	WG	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	09/27/2017	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Strontium	Sr	Y	74.4	—	—	1	µg/L	Y	—	NQ	2017-2930	CALA-17-143820	GELC
R-66	819.4	09/27/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	72.7	—	—	1	µg/L	Y	—	NQ	2017-2930	CALA-17-144808	GELC
R-66	819.4	03/28/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	73.7	—	—	1	µg/L	Y	—	NQ	2017-1280	CALA-17-130493	GELC
R-66	819.4	08/28/2020	WG	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	WG	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	WG	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	WG	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	WG	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
R-66	819.4	09/27/2017	WG	UF	INIT	FD	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.0777	0.13	0.436	—	pCi/L	Y	U	U	2017-2930	CALA-17-143821	GELC
R-66	819.4	09/27/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.158	0.1	0.464	—	pCi/L	Y	U	U	2017-2930	CALA-17-144815	GELC
R-66	819.4	03/28/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0503	0.0798	0.334	—	pCi/L	Y	U	U	2017-1280	CALA-17-130497	GELC
R-66	819.4	08/28/2020	WG	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	WG	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	WG	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	WG	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

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-66	819.4	09/18/2018	WG	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	09/27/2017	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.61	—	—	0.133	mg/L	Y	—	NQ	2017-2930	CALA-17-143820	GELC
R-66	819.4	09/27/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.59	—	—	0.133	mg/L	Y	—	NQ	2017-2930	CALA-17-144808	GELC
R-66	819.4	03/28/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	3.96	—	—	0.133	mg/L	Y	—	NQ	2017-1280	CALA-17-130493	GELC
R-66	819.4	08/28/2020	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1635	CALA-20-199310	GELC
R-66	819.4	08/28/2020	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1635	CALA-20-199309	GELC
R-66	819.4	09/12/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-3284	CALA-19-185310	GELC
R-66	819.4	09/12/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-3284	CALA-19-185312	GELC
R-66	819.4	09/12/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-3284	CALA-19-185311	GELC
R-66	819.4	09/12/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-3284	CALA-19-185313	GELC
R-66	819.4	09/18/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2018-3908	CALA-18-160770	GELC
R-66	819.4	09/18/2018	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2018-3908	CALA-18-160772	GELC
R-66	819.4	09/18/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2018-3908	CALA-18-160771	GELC
R-66	819.4	09/18/2018	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2018-3908	CALA-18-160773	GELC
R-66	819.4	09/27/2017	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-2930	CALA-17-143821	GELC
R-66	819.4	09/27/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-2930	CALA-17-144815	GELC
R-66	819.4	09/27/2017	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-2930	CALA-17-143820	GELC
R-66	819.4	09/27/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-2930	CALA-17-144808	GELC
R-66	819.4	08/28/2020	WG	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	WG	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	WG	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	WG	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	WG	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	09/27/2017	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	171	—	—	3.4	mg/L	Y	—	NQ	2017-2930	CALA-17-143820	GELC
R-66	819.4	09/27/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	171	—	—	3.4	mg/L	Y	—	NQ	2017-2930	CALA-17-144808	GELC
R-66	819.4	03/28/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	3.4	mg/L	Y	—	NQ	2017-1280	CALA-17-130493	GELC
R-66	819.4	08/28/2020	WG	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	09/12/2019	WG	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	09/12/2019	WG	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	09/18/2018	WG	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	09/18/2018	WG	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	09/27/2017	WG	UF	INIT	FD	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	0.275	0.819	2.759	—	pCi/L	Y	U	U	2017-2940	CALA-17-143821	ARSL
R-66	819.4	09/27/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.055	0.868	2.948	—	pCi/L	Y	U	U	2017-2940	CALA-17-144815	ARSL
R-66	819.4	03/28/2017	WG	UF	INIT	REG	RAD	Generic:Low_Level_Tritium	Tritium	H-3	N	-0.967	0.831	2.836	—	pCi/L	Y	U	U	2017-1286	CALA-17-130497	ARSL
R-66	819.4	08/28/2020	WG	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	WG	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	WG	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	WG	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	WG	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	09/27/2017	WG	F	INIT	FD	INORGANIC	SW-846:6020	Uranium	U	Y	0.682	—	—	0.067	µg/L	Y	—	NQ	2017-2930	CALA-17-143820	GELC
R-66	819.4	09/27/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.666	—	—	0.067	µg/L	Y	—	NQ	2017-2930	CALA-17-144808	GELC
R-66	819.4	03/28/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.61	—	—	0.067	µg/L	Y	—	NQ	2017-1280	CALA-17-130493	GELC
R-66	819.4	08/28/2020	WG	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	WG	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	WG	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	WG	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	WG	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	09/27/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.492	0.038	0.0581	—	pCi/L	Y	—	NQ	2017-2930	CALA-17-143821	GELC
R-66	819.4	09/27/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.617	0.0478	0.0751	—	pCi/L	Y	—	NQ	2017-2930	CALA-17-144815	GELC
R-66	819.4	03/28/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.552	0.0362	0.0727	—	pCi/L	Y	—	NQ	2017-1280	CALA-17-130497	GELC
R-66	819.4	08/28/2020	WG	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	WG	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	WG	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	WG	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	WG	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	09/27/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0543	0.0152	0.0619	—	pCi/L	Y	U	U	2017-2930	CALA-17-143821	GELC
R-66	819.4	09/27/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0745	0.0219	0.0799	—	pCi/L	Y	U	U	2017-2930	CALA-17-144815	GELC
R-66	819.4	03/28/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0479	0.0129	0.0576	—	pCi/L	Y	U	U	2017-1280	CALA-17-130497	GELC

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-66	819.4	08/28/2020	WG	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	WG	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	WG	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	WG	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	WG	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	09/27/2017	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.228	0.0265	0.0562	—	pCi/L	Y	—	NQ	2017-2930	CALA-17-143821	GELC
R-66	819.4	09/27/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.298	0.0329	0.0726	—	pCi/L	Y	—	NQ	2017-2930	CALA-17-144815	GELC
R-66	819.4	03/28/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.224	0.0233	0.0532	—	pCi/L	Y	—	NQ	2017-1280	CALA-17-130497	GELC
R-66	819.4	08/28/2020	WG	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	WG	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	WG	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	WG	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	WG	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	09/27/2017	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Vanadium	V	Y	11.8	—	—	1	µg/L	Y	—	NQ	2017-2930	CALA-17-143820	GELC
R-66	819.4	09/27/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	11.3	—	—	1	µg/L	Y	—	NQ	2017-2930	CALA-17-144808	GELC
R-66	819.4	03/28/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	10.6	—	—	1	µg/L	Y	—	NQ	2017-1280	CALA-17-130493	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	7.45	—	—	1.5	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	09/09/2019	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	4.65	—	—	1.5	µg/L	Y	J	J	N3B-2019-3247	CALA-19-185297	GELC
R-6i	602.0	09/09/2019	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	Y	7.91	—	—	1.5	µg/L	Y	J	J	N3B-2019-3247	CALA-19-185300	GELC
R-6i	602.0	09/07/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2018-3815	CALA-18-160756	GELC
R-6i	602.0	09/25/2017	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	Y	1.95	—	—	1.5	µg/L	Y	J	J	2017-2902	CALA-17-144816	GELC
R-6i	602.0	08/23/2016	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	UH	UJ	2016-2159	CALA-16-124856	GELC
R-6i	602.0	08/25/2020	WG	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	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.73	—	—	0.01	SU	Y	H	NQ	N3B-2019-3247	CALA-19-185298	GELC
R-6i	602.0	09/09/2019	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.68	—	—	0.01	SU	Y	H	NQ	2017-2902	CALA-17-144809	GELC
R-6i	602.0	08/23/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.64	—	—	0.01	SU	Y	H	NQ	2016-2159	CALA-16-124872	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	62	—	—	1.45	mg/L	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC
R-6i	602.0	09/09/2019	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	64.9	—	—	1.45	mg/L	Y	—	NQ	2017-2902	CALA-17-144809	GELC
R-6i	602.0	08/23/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	66.3	—	—	1.45	mg/L	Y	—	NQ	2016-2159	CALA-16-124872	GELC
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/25/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0245	0.00944	0.0268	—	pCi/L	Y	U	U	2017-2902	CALA-17-144816	GELC
R-6i	602.0	08/23/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00474	0.00671	0.0389	—	pCi/L	Y	U	U	2016-2159	CALA-16-124856	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0445	—	—	0.017	mg/L	Y	J	J	N3B-2020-1606	CALA-20-199171	GELC
R-6i	602.0	09/09/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0299	—	—	0.017	mg/L	Y	J	U	N3B-2019-3247	CALA-19-185298	GELC
R-6i	602.0	09/09/2019	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0865	—	—	0.017	mg/L	Y	—	U	N3B-2019-3247	CALA-19-185301	GELC
R-6i	602.0	09/07/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.061	—	—	0.017	mg/L	Y	—	NQ	N3B-2018-3815	CALA-18-160755	GELC
R-6i	602.0	09/25/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0293	—	—	0.017	mg/L	Y	J	J	2017-2902	CALA-17-144809	GELC
R-6i	602.0	08/23/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0266	—	—	0.017	mg/L	Y	J	J	2016-2159	CALA-16-124872	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Arsenic	As	Y	2.24	—	—	2	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199171	GELC
R-6i	602.0	09/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.6	—	—	2	µg/L	Y	J	J	N3B-2019-3247	CALA-19-185298	GELC
R-6i	602.0	09/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Arsenic	As	Y	2.48	—	—	2	µg/L	Y	J	J	N3B-2019-3247	CALA-19-185301	GELC
R-6i	602.0	09/07/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.74	—	—	2	µg/L	Y	J	J	N3B-2018-3815	CALA-18-160755	GELC
R-6i	602.0	09/25/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	2017-2902	CALA-17-144809	GELC
R-6i	602.0	08/23/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.71	—	—	1.7	µg/L	Y	J	J	2016-2159	CALA-16-124872	GELC
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	19.7	—	—	1	µg/L	Y	—	NQ	2017-2902	CALA-17-144809	GELC
R-6i	602.0	08/23/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	20.7	—	—	1	µg/L	Y	—	NQ	2016-2159	CALA-16-124872	GELC

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	Y	10.3	—	—	6.03	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	09/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.29	—	—	6.29	µg/L	Y	U	U	N3B-2019-3247	CALA-19-185297	GELC
R-6i	602.0	09/09/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.38	—	—	6.38	µg/L	Y	U	U	N3B-2019-3247	CALA-19-185300	GELC
R-6i	602.0	09/07/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6.59	—	—	6.59	µg/L	Y	U	UJ	N3B-2018-3815	CALA-18-160756	GELC
R-6i	602.0	09/25/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	6	—	—	6	µg/L	Y	U	U	2017-2902	CALA-17-144816	GELC
R-6i	602.0	08/23/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Benzoic Acid	65-85-0	N	20	—	—	6	µg/L	Y	U	U	2016-2159	CALA-16-124856	GELC
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	19.8	—	—	15	µg/L	Y	J	J	2017-2902	CALA-17-144809	GELC
R-6i	602.0	08/23/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	20.4	—	—	15	µg/L	Y	J	J	2016-2159	CALA-16-124872	GELC
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20	—	—	0.05	mg/L	Y	—	NQ	2017-2902	CALA-17-144809	GELC
R-6i	602.0	08/23/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	20.8	—	—	0.05	mg/L	Y	—	NQ	2016-2159	CALA-16-124872	GELC
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/25/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	1.47	1.27	4.63	—	pCi/L	Y	U	U	2017-2902	CALA-17-144816	GELC
R-6i	602.0	08/23/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	-1.2	1.08	3.56	—	pCi/L	Y	U	U	2016-2159	CALA-16-124856	GELC
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	15.3	—	—	0.134	mg/L	Y	—	NQ	2017-2902	CALA-17-144809	GELC
R-6i	602.0	08/23/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	15.4	—	—	0.335	mg/L	Y	—	NQ	2016-2159	CALA-16-124872	GELC
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/25/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.07	1.35	4.49	—	pCi/L	Y	U	U	2017-2902	CALA-17-144816	GELC
R-6i	602.0	08/23/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.0448	1.01	3.86	—	pCi/L	Y	U	U	2016-2159	CALA-16-124856	GELC
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	WG	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	09/25/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3	—	—	3	µg/L	Y	U	U	2017-2902	CALA-17-144816	GELC
R-6i	602.0	08/23/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	10	—	—	3	µg/L	Y	U	U	2016-2159	CALA-16-124856	GELC
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.805	—	—	0.033	mg/L	Y	—	NQ	2017-2902	CALA-17-144809	GELC
R-6i	602.0	08/23/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.681	—	—	0.033	mg/L	Y	—	NQ	2016-2159	CALA-16-124872	GELC
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/25/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.701	0.785	2.92	—	pCi/L	Y	U	U	2017-2902	CALA-17-144816	GELC
R-6i	602.0	08/23/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	1.64	0.485	1.48	—	pCi/L	Y	—	NQ	2016-2159	CALA-16-124856	GELC
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-6i	602.0	09/07/2018	WG	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	09/25/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	0.735	0.769	2.65	—	pCi/L	Y	U	U	2017-2902	CALA-17-144816	GELC
R-6i	602.0	08/23/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	N	-0.583	0.66	2.55	—	pCi/L	Y	U	U	2016-2159	CALA-16-124856	GELC
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	64.9	—	—	0.453	mg/L	Y	—	NQ	2017-2902	CALA-17-144809	GELC
R-6i	602.0	08/23/2016	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	67	—	—	0.453	mg/L	Y	—	NQ	2016-2159	CALA-16-124872	GELC
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.61	—	—	0.11	mg/L	Y	—	NQ	2017-2902	CALA-17-144809	GELC
R-6i	602.0	08/23/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	3.68	—	—	0.11	mg/L	Y	—	NQ	2016-2159	CALA-16-124872	GELC
R-6i	602.0	08/25/2020	WG	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
R-6i	602.0	09/09/2019	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.7	—	—	0.2	µg/L	Y	—	NQ	2017-2902	CALA-17-144809	GELC
R-6i	602.0	08/23/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.52	—	—	0.165	µg/L	Y	—	NQ	2016-2159	CALA-16-124872	GELC
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/25/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	2.17	2.62	9.89	—	pCi/L	Y	U	U	2017-2902	CALA-17-144816	GELC
R-6i	602.0	08/23/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-1.28	1.71	6.05	—	pCi/L	Y	U	U	2016-2159	CALA-16-124856	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	INORGANIC	SW-846:6020B	Nickel	Ni	Y	0.673	—	—	0.6	µg/L	Y	J	J	N3B-2020-1606	CALA-20-199171	GELC
R-6i	602.0	09/09/2019	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	0.618	—	—	0.6	µg/L	Y	J	J	N3B-2019-3247	CALA-19-185298	GELC
R-6i	602.0	09/09/2019	WG	F	INIT	FD	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2019-3247	CALA-19-185301	GELC
R-6i	602.0	09/07/2018	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	N	0.6	—	—	0.6	µg/L	Y	U	U	N3B-2018-3815	CALA-18-160755	GELC
R-6i	602.0	09/25/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.54	—	—	0.6	µg/L	Y	—	NQ	2017-2902	CALA-17-144809	GELC
R-6i	602.0	08/23/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	1.1	—	—	0.5	µg/L	Y	J	J	2016-2159	CALA-16-124872	GELC
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.58	—	—	0.17	mg/L	Y	—	NQ	2017-2902	CALA-17-144809	GELC
R-6i	602.0	08/23/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	3.4	—	—	0.085	mg/L	Y	—	NQ	2016-2159	CALA-16-124872	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	Y	0.000549	—	—	0.00047	µg/L	Y	—	J	N3B-2020-1607	CALA-20-199170	SwRI
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.01	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	09/09/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.19	—	—	3.19	µg/L	Y	U	U	N3B-2019-3247	CALA-19-185300	GELC
R-6i	602.0	09/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.15	—	—	3.15	µg/L	Y	U	U	N3B-2019-3247	CALA-19-185297	GELC
R-6i	602.0	09/07/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.3	—	—	3.3	µg/L	Y	U	UJ	N3B-2018-3815	CALA-18-160756	GELC
R-6i	602.0	09/25/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3	—	—	3	µg/L	Y	U	U	2017-2902	CALA-17-144816	GELC
R-6i	602.0	08/23/2016	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.102	—	—	0.0306	µg/L	Y	U	U	2016-2159	CALA-16-124856	GELC
R-6i	602.0	08/23/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	10	—	—	3	µg/L	Y	U	U	2016-2159	CALA-16-124856	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	Y	0.000365	—	—	0.00036	µg/L	Y	J	J	N3B-2020-1607	CALA-20-199170	SwRI
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.01	—	—	3.01	µg/L	Y	U	U	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	09/09/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.15	—	—	3.15	µg/L	Y	U	U	N3B-2019-3247	CALA-19-185297	GELC
R-6i	602.0	09/09/2019	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.19	—	—	3.19	µg/L	Y	U	U	N3B-2019-3247	CALA-19-185300	GELC
R-6i	602.0	09/07/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.3	—	—	3.3	µg/L	Y	U	UJ	N3B-2018-3815	CALA-18-160756	GELC
R-6i	602.0	09/25/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3	—	—	3	µg/L	Y	U	U	2017-2902	CALA-17-144816	GELC
R-6i	602.0	08/23/2016	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Nitrosodimethylamine[N-]	62-75-9	N	0.204	—	—	0.0714	µg/L	Y	U	U	2016-2159	CALA-16-124856	GELC
R-6i	602.0	08/23/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	10	—	—	3	µg/L	Y	U	U	2016-2159	CALA-16-124856	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	LCMS/MS PERCHLORATE	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	WG	F	INIT	REG	LCMS/MS PERCHLORATE	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	WG	F	INIT	FD	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	4.22	—	—	0.2	µg/L	Y	—	NQ	N3B-2019-3247	CALA-19-185301	GELC

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-6i	602.0	09/07/2018	WG	F	INIT	REG	LCMS/MS PERCHLORATE	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	09/25/2017	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	5.63	—	—	0.25	µg/L	Y	—	NQ	2017-2902	CALA-17-144809	GELC
R-6i	602.0	08/23/2016	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	6.26	—	—	0.5	µg/L	Y	—	NQ	2016-2159	CALA-16-124872	GELC
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/25/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00417	0.00659	0.0361	—	pCi/L	Y	U	U	2017-2902	CALA-17-144816	GELC
R-6i	602.0	08/23/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0176	0.00695	0.0387	—	pCi/L	Y	U	U	2016-2159	CALA-16-124856	GELC
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/25/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00625	0.00691	0.0468	—	pCi/L	Y	U	U	2017-2902	CALA-17-144816	GELC
R-6i	602.0	08/23/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00000000147	0.00695	0.0485	—	pCi/L	Y	U	U	2016-2159	CALA-16-124856	GELC
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.57	—	—	0.05	mg/L	Y	—	NQ	2017-2902	CALA-17-144809	GELC
R-6i	602.0	08/23/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	0.608	—	—	0.05	mg/L	Y	—	NQ	2016-2159	CALA-16-124872	GELC
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/25/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	6.23	20.3	54.5	—	pCi/L	Y	U	U	2017-2902	CALA-17-144816	GELC
R-6i	602.0	08/23/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	11.8	22	40.9	—	pCi/L	Y	U	U	2016-2159	CALA-16-124856	GELC
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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	01/23/2008	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	N	0.359	0.13	0.36	—	pCi/L	Y	U	U	08-571	CALA-08-9865	GELC
R-6i	602.0	01/23/2008	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.595	0.16	0.38	—	pCi/L	Y	—	NQ	08-571	CALA-08-9860	GELC
R-6i	602.0	11/17/2005	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	6.62	3.31	5.78	—	pCi/L	Y	UI	R	150539	GU05110G6IR01	GELC
R-6i	602.0	08/25/2020	WG	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	08/25/2020	WG	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	WG	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
R-6i	602.0	08/27/2008	WG	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	01/23/2008	WG	UF	INIT	FD	RAD	EPA:904	Radium-228	Ra-228	Y	0.673	0.17	0.45	—	pCi/L	Y	—	NQ	08-571	CALA-08-9865	GELC
R-6i	602.0	01/23/2008	WG	UF	INIT	REG	RAD	EPA:904	Radium-228	Ra-228	N	0.397	0.22	0.71	—	pCi/L	Y	U	U	08-571	CALA-08-9860	GELC
R-6i	602.0	02/21/2005	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-228	Ra-228	N	9.3	1.7	6.5	—	pCi/L	Y	UI	R	2934S	GW6i-05-57603	GEL
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	65.5	—	—	0.053	mg/L	Y	—	NQ	2017-2902	CALA-17-144809	GELC
R-6i	602.0	08/23/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	67.4	—	—	0.053	mg/L	Y	—	NQ	2016-2159	CALA-16-124872	GELC
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.3	—	—	0.1	mg/L	Y	—	NQ	2017-2902	CALA-17-144809	GELC
R-6i	602.0	08/23/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	18	—	—	0.1	mg/L	Y	—	NQ	2016-2159	CALA-16-124872	GELC
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/25/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-1.14	1.28	4.57	—	pCi/L	Y	U	U	2017-2902	CALA-17-144816	GELC
R-6i	602.0	08/23/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.603	0.872	3.17	—	pCi/L	Y	U	U	2016-2159	CALA-16-124856	GELC

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	240	—	—	1	µS/cm	Y	—	NQ	2017-2902	CALA-17-144809	GELC
R-6i	602.0	08/23/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	225	—	—	3.63	µS/cm	Y	—	NQ	2016-2159	CALA-16-124872	GELC
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	91.8	—	—	1	µg/L	Y	—	NQ	2017-2902	CALA-17-144809	GELC
R-6i	602.0	08/23/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	91	—	—	1	µg/L	Y	—	NQ	2016-2159	CALA-16-124872	GELC
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/25/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.137	0.135	0.473	—	pCi/L	Y	U	U	2017-2902	CALA-17-144816	GELC
R-6i	602.0	08/23/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0871	0.128	0.483	—	pCi/L	Y	U	U	2016-2159	CALA-16-124856	GELC
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	7.93	—	—	0.133	mg/L	Y	—	NQ	2017-2902	CALA-17-144809	GELC
R-6i	602.0	08/23/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	8.43	—	—	0.133	mg/L	Y	—	NQ	2016-2159	CALA-16-124872	GELC
R-6i	602.0	08/25/2020	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1606	CALA-20-199171	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	09/09/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-3247	CALA-19-185297	GELC
R-6i	602.0	09/09/2019	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-3247	CALA-19-185300	GELC
R-6i	602.0	09/09/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-3247	CALA-19-185298	GELC
R-6i	602.0	09/09/2019	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-3247	CALA-19-185301	GELC
R-6i	602.0	09/07/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-3815	CALA-18-160755	GELC
R-6i	602.0	09/07/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-3815	CALA-18-160756	GELC
R-6i	602.0	09/25/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-2902	CALA-17-144816	GELC
R-6i	602.0	09/25/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-2902	CALA-17-144809	GELC
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	163	—	—	3.4	mg/L	Y	—	NQ	2017-2902	CALA-17-144809	GELC
R-6i	602.0	08/23/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	189	—	—	3.4	mg/L	Y	—	NQ	2016-2159	CALA-16-124872	GELC
R-6i	602.0	08/25/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060A	Total Organic Carbon	TOC	Y	0.347	—	—	0.33	mg/L	Y	J	J	N3B-2020-1606	CALA-20-199170	GELC
R-6i	602.0	09/09/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.408	—	—	0.33	mg/L	Y	J	J	N3B-2019-3247	CALA-19-185297	GELC
R-6i	602.0	09/09/2019	WG	UF	INIT	FD	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.431	—	—	0.33	mg/L	Y	J	J	N3B-2019-3247	CALA-19-185300	GELC
R-6i	602.0	09/07/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	0.33	—	—	0.33	mg/L	Y	U	U	N3B-2018-3815	CALA-18-160756	GELC
R-6i	602.0	09/25/2017	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	0.484	—	—	0.33	mg/L	Y	J	J	2017-2902	CALA-17-144816	GELC
R-6i	602.0	08/23/2016	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	N	1	—	—	0.33	mg/L	Y	U	U	2016-2159	CALA-16-124856	GELC
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/25/2017	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	1750	86.9	155	—	pCi/L	Y	—	NQ	2017-2902	CALA-17-144816	GELC
R-6i	602.0	08/23/2016	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	Y	1990	110	195	—	pCi/L	Y	—	NQ	2016-2159	CALA-16-124856	GELC
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.351	—	—	0.067	µg/L	Y	—	NQ	2017-2902	CALA-17-144809	GELC
R-6i	602.0	08/23/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	0.388	—	—	0.067	µg/L	Y	—	NQ	2016-2159	CALA-16-124872	GELC

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/25/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.344	0.0406	0.0848	—	pCi/L	Y	—	NQ	2017-2902	CALA-17-144816	GELC
R-6i	602.0	08/23/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.382	0.0316	0.0904	—	pCi/L	Y	—	NQ	2016-2159	CALA-16-124856	GELC
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/25/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0504	0.0179	0.0905	—	pCi/L	Y	U	U	2017-2902	CALA-17-144816	GELC
R-6i	602.0	08/23/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0661	0.0159	0.0867	—	pCi/L	Y	U	U	2016-2159	CALA-16-124856	GELC
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/25/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.222	0.0321	0.082	—	pCi/L	Y	—	NQ	2017-2902	CALA-17-144816	GELC
R-6i	602.0	08/23/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.214	0.0231	0.0903	—	pCi/L	Y	—	J	2016-2159	CALA-16-124856	GELC
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.27	—	—	1	µg/L	Y	J	J	2017-2902	CALA-17-144809	GELC
R-6i	602.0	08/23/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	2.07	—	—	1	µg/L	Y	J	J	2016-2159	CALA-16-124872	GELC
R-6i	602.0	08/25/2020	WG	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	WG	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	WG	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	WG	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-6i	602.0	09/25/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	22	—	—	3.3	µg/L	Y	—	NQ	2017-2902	CALA-17-144809	GELC
R-6i	602.0	08/23/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	6.53	—	—	3.3	µg/L	Y	J	J	2016-2159	CALA-16-124872	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	SW-846:8260B	Acetone	67-64-1	Y	3.79	—	—	1.5	µg/L	Y	J	J	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	09/17/2018	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	1.5	—	—	1.5	µg/L	Y	U	U	N3B-2018-3897	CALA-18-160777	GELC
R-9	683.0	08/25/2016	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	UH	UJ	2016-2197	CALA-16-124859	GELC
R-9	683.0	09/16/2015	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	UH	UJ	2015-2345	CALA-15-103995	GELC
R-9	683.0	09/05/2014	WG	UF	INIT	REG	VOC	SW-846:8260B	Acetone	67-64-1	N	10	—	—	3	µg/L	Y	UH	U	2014-4492	CALA-14-86018	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.27	—	—	0.01	SU	Y	H	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.26	—	—	0.01	SU	Y	H	NQ	N3B-2020-1614	CALA-20-199316	GELC
R-9	683.0	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.12	—	—	0.01	SU	Y	H	NQ	N3B-2019-3296	CALA-19-185317	GELC
R-9	683.0	09/17/2018	WG	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	09/26/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.18	—	—	0.01	SU	Y	H	NQ	2017-2916	CALA-17-144810	GELC
R-9	683.0	08/25/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	8.13	—	—	0.01	SU	Y	H	NQ	2016-2197	CALA-16-124875	GELC
R-9	683.0	08/26/2020	WG	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	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	115	—	—	1.45	mg/L	Y	—	NQ	2017-2916	CALA-17-144810	GELC
R-9	683.0	08/25/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	115	—	—	1.45	mg/L	Y	—	NQ	2016-2197	CALA-16-124875	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0236	0.0102	0.0521	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	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	WG	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	WG	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	09/26/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0142	0.00884	0.0327	—	pCi/L	Y	U	U	2017-2916	CALA-17-144817	GELC
R-9	683.0	08/25/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0505	0.0266	0.138	—	pCi/L	Y	U	U	2016-2197	CALA-16-124859	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0759	—	—	0.017	mg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0338	—	—	0.017	mg/L	Y	J	J	N3B-2020-1614	CALA-20-199316	GELC
R-9	683.0	09/16/2019	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0175	—	—	0.017	mg/L	Y	J	J	N3B-2019-3296	CALA-19-185317	GELC
R-9	683.0	09/17/2018	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0405	—	—	0.017	mg/L	Y	J	J	N3B-2018-3897	CALA-18-160776	GELC

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-9	683.0	09/26/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	Y	0.0419	—	—	0.017	mg/L	Y	J	J	2017-2916	CALA-17-144810	GELC
R-9	683.0	08/25/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:350.1	Ammonia as Nitrogen	NH3-N	N	0.0479	—	—	0.017	mg/L	Y	J	U	2016-2197	CALA-16-124875	GELC
R-9	683.0	08/26/2020	WG	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	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	3.19	—	—	2	µg/L	Y	J	J	2017-2916	CALA-17-144810	GELC
R-9	683.0	08/25/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	2.87	—	—	1.7	µg/L	Y	J	J	2016-2197	CALA-16-124875	GELC
R-9	683.0	08/26/2020	WG	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	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	175	—	—	1	µg/L	Y	—	NQ	2017-2916	CALA-17-144810	GELC
R-9	683.0	08/25/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	10.1	—	—	1	µg/L	Y	—	NQ	2016-2197	CALA-16-124875	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	57.6	—	—	15	µg/L	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	47.2	—	—	15	µg/L	Y	J	J	2017-2916	CALA-17-144810	GELC
R-9	683.0	08/25/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	N	50	—	—	15	µg/L	Y	U	U	2016-2197	CALA-16-124875	GELC
R-9	683.0	08/26/2020	WG	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	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	23.1	—	—	0.05	mg/L	Y	—	NQ	2017-2916	CALA-17-144810	GELC
R-9	683.0	08/25/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	7.11	—	—	0.05	mg/L	Y	—	NQ	2016-2197	CALA-16-124875	GELC
R-9	683.0	08/26/2020	WG	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	WG	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	WG	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	WG	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	09/26/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.139	1.65	6.48	—	pCi/L	Y	U	U	2017-2916	CALA-17-144817	GELC
R-9	683.0	08/25/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.0228	1.05	3.56	—	pCi/L	Y	U	U	2016-2197	CALA-16-124859	GELC
R-9	683.0	08/26/2020	WG	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	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	5.97	—	—	0.067	mg/L	Y	—	NQ	2017-2916	CALA-17-144810	GELC
R-9	683.0	08/25/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	6.2	—	—	0.067	mg/L	Y	—	NQ	2016-2197	CALA-16-124875	GELC
R-9	683.0	08/26/2020	WG	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	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.39	—	—	3	µg/L	Y	J	J	2017-2916	CALA-17-144810	GELC
R-9	683.0	08/25/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.73	—	—	2	µg/L	Y	J	J	2016-2197	CALA-16-124875	GELC
R-9	683.0	08/26/2020	WG	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	WG	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	WG	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	WG	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	09/26/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-2.28	2.18	7.75	—	pCi/L	Y	U	U	2017-2916	CALA-17-144817	GELC
R-9	683.0	08/25/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.1	1.88	4.13	—	pCi/L	Y	U	U	2016-2197	CALA-16-124859	GELC
R-9	683.0	08/26/2020	WG	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	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.213	—	—	0.033	mg/L	Y	—	NQ	2017-2916	CALA-17-144810	GELC
R-9	683.0	08/25/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.205	—	—	0.033	mg/L	Y	—	NQ	2016-2197	CALA-16-124875	GELC
R-9	683.0	08/26/2020	WG	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	WG	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

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-9	683.0	09/16/2019	WG	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	WG	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	09/26/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	0.951	0.811	2.89	—	pCi/L	Y	U	U	2017-2916	CALA-17-144817	GELC
R-9	683.0	08/25/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	Y	1.61	0.461	1.39	—	pCi/L	Y	—	NQ	2016-2197	CALA-16-124859	GELC
R-9	683.0	08/26/2020	WG	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	WG	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
R-9	683.0	09/16/2019	WG	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	WG	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	09/26/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.8	1.11	2.87	—	pCi/L	Y	—	NQ	2017-2916	CALA-17-144817	GELC
R-9	683.0	08/25/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	5.81	1.06	2.66	—	pCi/L	Y	—	NQ	2016-2197	CALA-16-124859	GELC
R-9	683.0	08/26/2020	WG	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	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	88.2	—	—	0.453	mg/L	Y	—	NQ	2017-2916	CALA-17-144810	GELC
R-9	683.0	08/25/2016	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	25.9	—	—	0.453	mg/L	Y	—	NQ	2016-2197	CALA-16-124875	GELC
R-9	683.0	08/26/2020	WG	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	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	7.39	—	—	0.11	mg/L	Y	—	NQ	2017-2916	CALA-17-144810	GELC
R-9	683.0	08/25/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	1.98	—	—	0.11	mg/L	Y	—	NQ	2016-2197	CALA-16-124875	GELC
R-9	683.0	08/26/2020	WG	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	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.28	—	—	0.2	µg/L	Y	—	NQ	2017-2916	CALA-17-144810	GELC
R-9	683.0	08/25/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	1.32	—	—	0.165	µg/L	Y	—	J	2016-2197	CALA-16-124875	GELC
R-9	683.0	08/26/2020	WG	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	WG	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	WG	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	WG	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	09/26/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	-2	3.73	12.4	—	pCi/L	Y	U	U	2017-2916	CALA-17-144817	GELC
R-9	683.0	08/25/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.523	1.87	6.31	—	pCi/L	Y	U	U	2016-2197	CALA-16-124859	GELC
R-9	683.0	08/26/2020	WG	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	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.78	—	—	0.017	mg/L	Y	—	NQ	2017-2916	CALA-17-144810	GELC
R-9	683.0	08/25/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	0.705	—	—	—	mg/L	Y	—	NQ	2016-2197	CALA-16-124875	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	Y	0.000664	—	—	0.00047	µg/L	Y	—	J	N3B-2020-1616	CALA-20-199313	SwRI
R-9	683.0	08/26/2020	WG	UF	INIT	FD	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-butylamine[N-]	924-16-3	Y	0.000501	—	—	0.00047	µg/L	Y	—	J	N3B-2020-1616	CALA-20-199315	SwRI
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.22	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	09/17/2018	WG	UF	RE	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.45	—	—	3.45	µg/L	N	U	UJ	N3B-2018-3897	CALA-18-160777	GELC
R-9	683.0	09/17/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	3.19	—	—	3.19	µg/L	Y	U	UJ	N3B-2018-3897	CALA-18-160777	GELC
R-9	683.0	08/25/2016	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.106	—	—	0.0319	µg/L	Y	U	U	2016-2197	CALA-16-124859	GELC
R-9	683.0	08/25/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	10	—	—	3	µg/L	Y	U	U	2016-2197	CALA-16-124859	GELC
R-9	683.0	09/16/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	5.1	—	—	1.53	µg/L	Y	U	U	2015-2345	CALA-15-103995	GELC
R-9	683.0	09/16/2015	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Nitroso-di-n-butylamine[N-]	924-16-3	N	0.1	—	—	0.03	µg/L	Y	U	U	2015-2345	CALA-15-103995	GELC
R-9	683.0	09/05/2014	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-butylamine[N-]	924-16-3	N	8.93	—	—	2.68	µg/L	Y	U	U	2014-4492	CALA-14-86018	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.00018	—	—	0.00018	µg/L	Y	U	U	N3B-2020-1616	CALA-20-199313	SwRI
R-9	683.0	08/26/2020	WG	UF	INIT	FD	NITROSAMINES	Nitrosamines:HRMS	Nitroso-di-n-propylamine[N-]	621-64-7	Y	0.0002	—	—	0.00018	µg/L	Y	J	J	N3B-2020-1616	CALA-20-199315	SwRI
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.22	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	09/17/2018	WG	UF	RE	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.45	—	—	3.45	µg/L	N	U	UJ	N3B-2018-3897	CALA-18-160777	GELC
R-9	683.0	09/17/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	3.19	—	—	3.19	µg/L	Y	U	UJ	N3B-2018-3897	CALA-18-160777	GELC
R-9	683.0	08/25/2016	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.106	—	—	0.0319	µg/L	Y	U	U	2016-2197	CALA-16-124859	GELC

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-9	683.0	08/25/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	10	—	—	3	µg/L	Y	U	U	2016-2197	CALA-16-124859	GELC
R-9	683.0	09/16/2015	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Nitroso-di-n-propylamine[N-]	621-64-7	N	0.1	—	—	0.03	µg/L	Y	U	U	2015-2345	CALA-15-103995	GELC
R-9	683.0	09/16/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	5.1	—	—	1.53	µg/L	Y	U	U	2015-2345	CALA-15-103995	GELC
R-9	683.0	09/05/2014	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitroso-di-n-propylamine[N-]	621-64-7	N	8.93	—	—	2.68	µg/L	Y	U	U	2014-4492	CALA-14-86018	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	Y	0.000422	—	—	0.00036	µg/L	Y	J	J	N3B-2020-1616	CALA-20-199313	SwRI
R-9	683.0	08/26/2020	WG	UF	INIT	FD	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	Y	0.000362	—	—	0.00036	µg/L	Y	J	J	N3B-2020-1616	CALA-20-199315	SwRI
R-9	683.0	08/26/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.22	—	—	3.22	µg/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	09/17/2018	WG	UF	RE	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.45	—	—	3.45	µg/L	N	U	UJ	N3B-2018-3897	CALA-18-160777	GELC
R-9	683.0	09/17/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.19	—	—	3.19	µg/L	Y	U	UJ	N3B-2018-3897	CALA-18-160777	GELC
R-9	683.0	08/25/2016	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Nitrosodimethylamine[N-]	62-75-9	N	0.213	—	—	0.0745	µg/L	Y	U	U	2016-2197	CALA-16-124859	GELC
R-9	683.0	08/25/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	10	—	—	3	µg/L	Y	U	U	2016-2197	CALA-16-124859	GELC
R-9	683.0	09/16/2015	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	5.1	—	—	1.53	µg/L	Y	U	U	2015-2345	CALA-15-103995	GELC
R-9	683.0	09/16/2015	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Nitrosodimethylamine[N-]	62-75-9	N	0.2	—	—	0.07	µg/L	Y	U	U	2015-2345	CALA-15-103995	GELC
R-9	683.0	09/05/2014	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	8.93	—	—	2.68	µg/L	Y	U	U	2014-4492	CALA-14-86018	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	LCMS/MS PERCHLORATE	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	WG	F	INIT	FD	LCMS/MS PERCHLORATE	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	WG	F	INIT	REG	LCMS/MS PERCHLORATE	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	WG	F	INIT	REG	LCMS/MS PERCHLORATE	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	09/26/2017	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.919	—	—	0.05	µg/L	Y	—	NQ	2017-2916	CALA-17-144810	GELC
R-9	683.0	08/25/2016	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.993	—	—	0.1	µg/L	Y	—	NQ	2016-2197	CALA-16-124875	GELC
R-9	683.0	08/26/2020	WG	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	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.0329	0.0168	0.0607	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	09/16/2019	WG	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	WG	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	09/26/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.004	0.0106	0.0395	—	pCi/L	Y	U	U	2017-2916	CALA-17-144817	GELC
R-9	683.0	08/25/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00461	0.0103	0.081	—	pCi/L	Y	U	U	2016-2197	CALA-16-124859	GELC
R-9	683.0	08/26/2020	WG	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	WG	UF	INIT	FD	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00000000548	0.0154	0.0609	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	09/16/2019	WG	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
R-9	683.0	09/17/2018	WG	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	09/26/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.0531	0.0175	0.0515	—	pCi/L	Y	U	U	2017-2916	CALA-17-144817	GELC
R-9	683.0	08/25/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	0.00921	0.013	0.102	—	pCi/L	Y	U	U	2016-2197	CALA-16-124859	GELC
R-9	683.0	08/26/2020	WG	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	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	3.67	—	—	0.05	mg/L	Y	—	NQ	2017-2916	CALA-17-144810	GELC
R-9	683.0	08/25/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	6.08	—	—	0.05	mg/L	Y	—	NQ	2016-2197	CALA-16-124875	GELC
R-9	683.0	08/26/2020	WG	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	WG	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	WG	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	WG	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	09/26/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	-22	27.7	105	—	pCi/L	Y	U	U	2017-2916	CALA-17-144817	GELC
R-9	683.0	08/25/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	25.9	18.2	32	—	pCi/L	Y	U	U	2016-2197	CALA-16-124859	GELC
R-9	683.0	08/26/2020	WG	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	WG	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	WG	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	WG	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	04/28/2005	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.364	0.142	0.397	—	pCi/L	Y	U	U	135560	GU05040G09R01	GELC
R-9	683.0	04/28/2005	WG	UF	INIT	FD	RAD	EPA:903.1	Radium-226	Ra-226	Y	0.422	0.135	0.324	—	pCi/L	Y	—	J	135560	GU05040G09R90	GELC
R-9	683.0	05/27/2004	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-226	Ra-226	N	3.07	2.66	7.2	—	pCi/L	Y	U	U	113901	GU04050G09R01	GELC
R-9	683.0	05/27/2004	WG	UF	INIT	REG	RAD	EPA:903.1	Radium-226	Ra-226	N	0.316	0.187	0.592	—	pCi/L	Y	U	U	113901	GU04050G09R01	GELC
R-9	683.0	08/26/2020	WG	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	WG	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	08/26/2020	WG	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	WG	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	WG	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

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-9	683.0	01/10/2008	WG	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	05/27/2004	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-228	Ra-228	N	5.05	3.52	13.5	—	pCi/L	Y	U	U	113901	GU04050G09R01	GELC
R-9	683.0	12/12/2003	WG	UF	INIT	REG	RAD	EPA:901.1	Radium-228	Ra-228	N	16.1	7.39	29.9	—	pCi/L	Y	U	U	103702	GU03120G09R01	GELC
R-9	683.0	08/26/2020	WG	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	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	74.4	—	—	0.053	mg/L	Y	—	NQ	2017-2916	CALA-17-144810	GELC
R-9	683.0	08/25/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	69.5	—	—	0.053	mg/L	Y	—	NQ	2016-2197	CALA-16-124875	GELC
R-9	683.0	08/26/2020	WG	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	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17	—	—	0.1	mg/L	Y	—	NQ	2017-2916	CALA-17-144810	GELC
R-9	683.0	08/25/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	9.26	—	—	0.1	mg/L	Y	—	NQ	2016-2197	CALA-16-124875	GELC
R-9	683.0	08/26/2020	WG	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	WG	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	WG	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	WG	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	09/26/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.661	1.49	6.92	—	pCi/L	Y	U	U	2017-2916	CALA-17-144817	GELC
R-9	683.0	08/25/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.683	0.868	2.94	—	pCi/L	Y	U	U	2016-2197	CALA-16-124859	GELC
R-9	683.0	08/26/2020	WG	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	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	260	—	—	1	µS/cm	Y	—	NQ	2017-2916	CALA-17-144810	GELC
R-9	683.0	08/25/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	242	—	—	3.63	µS/cm	Y	—	NQ	2016-2197	CALA-16-124875	GELC
R-9	683.0	08/26/2020	WG	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	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	174	—	—	1	µg/L	Y	—	NQ	2017-2916	CALA-17-144810	GELC
R-9	683.0	08/25/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	63.5	—	—	1	µg/L	Y	—	NQ	2016-2197	CALA-16-124875	GELC
R-9	683.0	08/26/2020	WG	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	WG	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	WG	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	WG	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	09/26/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.0842	0.12	0.411	—	pCi/L	Y	U	U	2017-2916	CALA-17-144817	GELC
R-9	683.0	08/25/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	-0.149	0.124	0.481	—	pCi/L	Y	U	U	2016-2197	CALA-16-124859	GELC
R-9	683.0	08/26/2020	WG	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	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.08	—	—	0.133	mg/L	Y	—	NQ	2017-2916	CALA-17-144810	GELC
R-9	683.0	08/25/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	6.14	—	—	0.133	mg/L	Y	—	NQ	2016-2197	CALA-16-124875	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1614	CALA-20-199316	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	09/16/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-3296	CALA-19-185316	GELC
R-9	683.0	09/16/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2019-3296	CALA-19-185317	GELC
R-9	683.0	09/17/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-3897	CALA-18-160776	GELC
R-9	683.0	09/17/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	N3B-2018-3897	CALA-18-160777	GELC
R-9	683.0	09/26/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-2916	CALA-17-144817	GELC
R-9	683.0	09/26/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	2017-2916	CALA-17-144810	GELC
R-9	683.0	08/26/2020	WG	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	WG	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	WG	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

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
R-9	683.0	09/17/2018	WG	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	683.0	09/26/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	206	—	—	3.4	mg/L	Y	—	NQ	2017-2916	CALA-17-144810	GELC
R-9	683.0	08/25/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	203	—	—	3.4	mg/L	Y	—	NQ	2016-2197	CALA-16-124875	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	N3B-2020-1614	CALA-20-199313	GELC
R-9	683.0	08/26/2020	WG	UF	INIT	FD	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0453	—	—	0.033	mg/L	Y	J	J+	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	09/16/2019	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.103	—	—	0.033	mg/L	Y	—	U	N3B-2019-3296	CALA-19-185316	GELC
R-9	683.0	09/17/2018	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.0984	—	—	0.033	mg/L	Y	J	U	N3B-2018-3897	CALA-18-160777	GELC
R-9	683.0	09/26/2017	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	N	0.033	—	—	0.033	mg/L	Y	U	U	2017-2916	CALA-17-144817	GELC
R-9	683.0	08/25/2016	WG	UF	INIT	REG	GENERAL CHEMISTRY	EPA:351.2	Total Kjeldahl Nitrogen	TKN	Y	0.0609	—	—	0.033	mg/L	Y	J	J	2016-2197	CALA-16-124859	GELC
R-9	683.0	08/26/2020	WG	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	683.0	08/26/2020	WG	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	683.0	09/16/2019	WG	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	683.0	09/17/2018	WG	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	09/26/2017	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	N	-59	40.9	151	—	pCi/L	Y	U	U	2017-2916	CALA-17-144817	GELC
R-9	683.0	08/25/2016	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	N	-135	45.2	180	—	pCi/L	Y	U	U	2016-2197	CALA-16-124859	GELC
R-9	683.0	08/26/2020	WG	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	WG	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	WG	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	WG	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	09/26/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.73	—	—	0.067	µg/L	Y	—	NQ	2017-2916	CALA-17-144810	GELC
R-9	683.0	08/25/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.67	—	—	0.067	µg/L	Y	—	NQ	2016-2197	CALA-16-124875	GELC
R-9	683.0	08/26/2020	WG	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	WG	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	WG	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	WG	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	09/26/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.15	0.052	0.0488	—	pCi/L	Y	—	NQ	2017-2916	CALA-17-144817	GELC
R-9	683.0	08/25/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.28	0.0562	0.091	—	pCi/L	Y	—	NQ	2016-2197	CALA-16-124859	GELC
R-9	683.0	08/26/2020	WG	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	WG	UF	INIT	FD	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0407	0.0161	0.0422	—	pCi/L	Y	U	U	N3B-2020-1614	CALA-20-199315	GELC
R-9	683.0	09/16/2019	WG	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	WG	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	09/26/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.0912	0.0185	0.0519	—	pCi/L	Y	—	NQ	2017-2916	CALA-17-144817	GELC
R-9	683.0	08/25/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	Y	0.127	0.021	0.0872	—	pCi/L	Y	—	NQ	2016-2197	CALA-16-124859	GELC
R-9	683.0	08/26/2020	WG	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	WG	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	WG	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	WG	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	09/26/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.59	0.0376	0.0472	—	pCi/L	Y	—	NQ	2017-2916	CALA-17-144817	GELC
R-9	683.0	08/25/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.7	0.0417	0.0909	—	pCi/L	Y	—	NQ	2016-2197	CALA-16-124859	GELC
R-9	683.0	08/26/2020	WG	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	WG	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	WG	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	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	11	—	—	1	µg/L	Y	—	NQ	N3B-2018-3897	CALA-18-160776	GELC
R-9	683.0	09/26/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	Y	11.3	—	—	1	µg/L	Y	—	NQ	2017-2916	CALA-17-144810	GELC
R-9	683.0	08/25/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Vanadium	V	N	5	—	—	1	µg/L	Y	U	U	2016-2197	CALA-16-124875	GELC
R-9	683.0	08/26/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	7.82	—	—	3.3	µg/L	Y	J	J	N3B-2020-1614	CALA-20-199314	GELC
R-9	683.0	08/26/2020	WG	F	INIT	FD	INORGANIC	SW-846:6010C	Zinc	Zn	Y	8.97	—	—	3.3	µg/L	Y	J	J	N3B-2020-1614	CALA-20-199316	GELC
R-9	683.0	09/16/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	N3B-2019-3296	CALA-19-185317	GELC
R-9	683.0	09/17/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	Y	8.05	—	—	3.3	µg/L	Y	J	J	N3B-2018-3897	CALA-18-160776	GELC
R-9	683.0	09/26/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	3.3	—	—	3.3	µg/L	Y	U	U	2017-2916	CALA-17-144810	GELC
R-9	683.0	08/25/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Zinc	Zn	N	10	—	—	3.3	µg/L	Y	U	U	2016-2197	CALA-16-124875	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.37	—	—	0.01	SU	Y	H	NQ	2017-2902	CALA-17-144811	GELC
TA-53i	600.0	08/22/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:150.1	Acidity or Alkalinity of a solution	pH	Y	7.21	—	—	0.01	SU	Y	H	NQ	2016-2135	CALA-16-124877	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
TA-53i	600.0	09/21/2018	WG	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	09/25/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	103	—	—	1.45	mg/L	Y	—	NQ	2017-2902	CALA-17-144811	GELC
TA-53i	600.0	08/22/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:310.1	Alkalinity-CO3+HCO3	ALK-CO3+HCO3	Y	100	—	—	1.45	mg/L	Y	—	NQ	2016-2135	CALA-16-124877	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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	WG	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	09/25/2017	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.0158	0.0131	0.0346	—	pCi/L	Y	U	U	2017-2902	CALA-17-144818	GELC
TA-53i	600.0	08/22/2016	WG	UF	INIT	REG	RAD	HASL-300:AM-241	Americium-241	Am-241	N	0.00291	0.0065	0.0478	—	pCi/L	Y	U	U	2016-2135	CALA-16-124861	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	N	2	—	—	2	µg/L	Y	U	U	2017-2902	CALA-17-144811	GELC
TA-53i	600.0	08/22/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Arsenic	As	Y	1.75	—	—	1.7	µg/L	Y	J	J	2016-2135	CALA-16-124877	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	42	—	—	1	µg/L	Y	—	NQ	2017-2902	CALA-17-144811	GELC
TA-53i	600.0	08/22/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Barium	Ba	Y	42.2	—	—	1	µg/L	Y	—	NQ	2016-2135	CALA-16-124877	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	28.8	—	—	15	µg/L	Y	J	J	2017-2902	CALA-17-144811	GELC
TA-53i	600.0	08/22/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Boron	B	Y	28.6	—	—	15	µg/L	Y	J	J	2016-2135	CALA-16-124877	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	1.84	—	—	0.067	mg/L	Y	—	NQ	2017-2902	CALA-17-144811	GELC
TA-53i	600.0	08/22/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Bromide	Br(-1)	Y	1.73	—	—	0.067	mg/L	Y	—	NQ	2016-2135	CALA-16-124877	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	40	—	—	0.05	mg/L	Y	—	NQ	2017-2902	CALA-17-144811	GELC
TA-53i	600.0	08/22/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Calcium	Ca	Y	42.5	—	—	0.05	mg/L	Y	—	NQ	2016-2135	CALA-16-124877	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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	WG	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	09/25/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.726	1.19	4.25	—	pCi/L	Y	U	U	2017-2902	CALA-17-144818	GELC
TA-53i	600.0	08/22/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cesium-137	Cs-137	N	0.721	0.883	3.34	—	pCi/L	Y	U	U	2016-2135	CALA-16-124861	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	38	—	—	0.335	mg/L	Y	—	NQ	2017-2902	CALA-17-144811	GELC
TA-53i	600.0	08/22/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Chloride	Cl(-1)	Y	35.9	—	—	0.67	mg/L	Y	—	NQ	2016-2135	CALA-16-124877	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.98	—	—	3	µg/L	Y	J	J	2017-2902	CALA-17-144811	GELC
TA-53i	600.0	08/22/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Chromium	Cr	Y	3.22	—	—	2	µg/L	Y	J	J	2016-2135	CALA-16-124877	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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	WG	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	09/25/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	1.62	1.23	5.4	—	pCi/L	Y	U	U	2017-2902	CALA-17-144818	GELC
TA-53i	600.0	08/22/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Cobalt-60	Co-60	N	-0.162	0.767	2.93	—	pCi/L	Y	U	U	2016-2135	CALA-16-124861	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	0.1	—	—	0.1	µg/L	Y	J	J-	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-3371	CALA-19-185302	GELC
TA-53i	600.0	09/21/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.16	—	—	3.16	µg/L	Y	U	U	N3B-2018-3938	CALA-18-160760	GELC
TA-53i	600.0	09/25/2017	WG	UF	RE	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.13	—	—	3.13	µg/L	Y	U	U	2017-2902	CALA-17-144818	GELC

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
TA-53i	600.0	09/25/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	3.23	—	—	3.23	µg/L	N	U	U	2017-2902	CALA-17-144818	GELC
TA-53i	600.0	08/22/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Dioxane[1,4-]	123-91-1	N	10.3	—	—	3.09	µg/L	Y	U	U	2016-2135	CALA-16-124861	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.095	—	—	0.033	mg/L	Y	J	J	2017-2902	CALA-17-144811	GELC
TA-53i	600.0	08/22/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Fluoride	F(-1)	Y	0.0804	—	—	0.033	mg/L	Y	J	J	2016-2135	CALA-16-124877	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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	WG	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
TA-53i	600.0	09/25/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	2.5	1.07	2.88	—	pCi/L	Y	U	U	2017-2902	CALA-17-144818	GELC
TA-53i	600.0	08/22/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross alpha	GROSSA	N	1.07	0.849	2.91	—	pCi/L	Y	U	U	2016-2135	CALA-16-124861	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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	WG	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	09/25/2017	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.67	0.937	2.17	—	pCi/L	Y	—	NQ	2017-2902	CALA-17-144818	GELC
TA-53i	600.0	08/22/2016	WG	UF	INIT	REG	RAD	EPA:900	Gross beta	GROSSB	Y	4.92	0.945	2.49	—	pCi/L	Y	—	NQ	2016-2135	CALA-16-124861	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	134	—	—	0.453	mg/L	Y	—	NQ	2017-2902	CALA-17-144811	GELC
TA-53i	600.0	08/22/2016	WG	F	INIT	REG	INORGANIC	SM:A2340B	Hardness	HARDNESS	Y	141	—	—	0.453	mg/L	Y	—	NQ	2016-2135	CALA-16-124877	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	8.3	—	—	0.11	mg/L	Y	—	NQ	2017-2902	CALA-17-144811	GELC
TA-53i	600.0	08/22/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Magnesium	Mg	Y	8.45	—	—	0.11	mg/L	Y	—	NQ	2016-2135	CALA-16-124877	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	Y	0.241	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	INORGANIC	SW-846:7470A	Mercury	Hg	Y	0.25	—	—	0.067	µg/L	Y	—	NQ	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/18/2019	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-3371	CALA-19-185302	GELC
TA-53i	600.0	09/18/2019	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2019-3371	CALA-19-185303	GELC
TA-53i	600.0	09/21/2018	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2018-3938	CALA-18-160759	GELC
TA-53i	600.0	09/21/2018	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	N3B-2018-3938	CALA-18-160760	GELC
TA-53i	600.0	09/25/2017	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	2017-2902	CALA-17-144818	GELC
TA-53i	600.0	09/25/2017	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.067	—	—	0.067	µg/L	Y	U	U	2017-2902	CALA-17-144811	GELC
TA-53i	600.0	08/22/2016	WG	F	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.2	—	—	0.067	µg/L	Y	U	U	2016-2135	CALA-16-124877	GELC
TA-53i	600.0	08/22/2016	WG	UF	INIT	REG	INORGANIC	EPA:245.2	Mercury	Hg	N	0.2	—	—	0.067	µg/L	Y	U	U	2016-2135	CALA-16-124861	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	161	—	—	2	µg/L	Y	—	NQ	2017-2902	CALA-17-144811	GELC
TA-53i	600.0	08/22/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Molybdenum	Mo	Y	163	—	—	0.165	µg/L	Y	—	NQ	2016-2135	CALA-16-124877	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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	WG	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	09/25/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.575	2.71	10	—	pCi/L	Y	U	U	2017-2902	CALA-17-144818	GELC
TA-53i	600.0	08/22/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Neptunium-237	Np-237	N	0.438	1.62	5.95	—	pCi/L	Y	U	U	2016-2135	CALA-16-124861	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	2.35	—	—	0.6	µg/L	Y	—	NQ	2017-2902	CALA-17-144811	GELC
TA-53i	600.0	08/22/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Nickel	Ni	Y	13.5	—	—	0.5	µg/L	Y	—	NQ	2016-2135	CALA-16-124877	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.45	—	—	0.17	mg/L	Y	—	NQ	2017-2902	CALA-17-144811	GELC
TA-53i	600.0	08/22/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:353.2	Nitrate-Nitrite as Nitrogen	NO3+NO2-N	Y	1.09	—	—	0.017	mg/L	Y	—	NQ	2016-2135	CALA-16-124877	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	NITROSAMINES	Nitrosamines:HRMS	Nitrosodimethylamine[N-]	62-75-9	Y	0.000529	—	—	0.00036	µg/L	Y	—	NQ	N3B-2020-1751	CASA-20-199319	SwRI

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3	—	—	3	µg/L	Y	U	U	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/18/2019	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3	—	—	3	µg/L	Y	U	U	N3B-2019-3371	CALA-19-185302	GELC
TA-53i	600.0	09/21/2018	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.16	—	—	3.16	µg/L	Y	U	U	N3B-2018-3938	CALA-18-160760	GELC
TA-53i	600.0	09/25/2017	WG	UF	RE	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.13	—	—	3.13	µg/L	Y	U	U	2017-2902	CALA-17-144818	GELC
TA-53i	600.0	09/25/2017	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	3.23	—	—	3.23	µg/L	N	U	U	2017-2902	CALA-17-144818	GELC
TA-53i	600.0	08/22/2016	WG	UF	INIT	REG	SVOC	SW-846:8270DGCMS_SIM	Nitrosodimethylamine[N-]	62-75-9	N	0.2	—	—	0.07	µg/L	Y	U	UJ	2016-2135	CALA-16-124861	GELC
TA-53i	600.0	08/22/2016	WG	UF	INIT	REG	SVOC	SW-846:8270D	Nitrosodimethylamine[N-]	62-75-9	N	10.3	—	—	3.09	µg/L	Y	U	U	2016-2135	CALA-16-124861	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	LCMS/MS PERCHLORATE	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	WG	F	INIT	REG	LCMS/MS PERCHLORATE	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	WG	F	INIT	REG	LCMS/MS PERCHLORATE	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	09/25/2017	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.658	—	—	0.05	µg/L	Y	—	NQ	2017-2902	CALA-17-144811	GELC
TA-53i	600.0	08/22/2016	WG	F	INIT	REG	LCMS/MS PERCHLORATE	SW-846:6850	Perchlorate	ClO4	Y	0.587	—	—	0.05	µg/L	Y	—	NQ	2016-2135	CALA-16-124877	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Perfluorohexanesulfonic acid	355-46-4	Y	2.06	—	—	0.58	ng/L	Y	—	NQ	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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	WG	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	09/25/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	0.00382	0.00604	0.0331	—	pCi/L	Y	U	U	2017-2902	CALA-17-144818	GELC
TA-53i	600.0	08/22/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-238	Pu-238	N	-0.00202	0.00533	0.0354	—	pCi/L	Y	U	U	2016-2135	CALA-16-124861	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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	WG	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	09/25/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00191	0.00689	0.0429	—	pCi/L	Y	U	U	2017-2902	CALA-17-144818	GELC
TA-53i	600.0	08/22/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOPU	Plutonium-239/240	Pu-239/240	N	-0.00202	0.00668	0.0445	—	pCi/L	Y	U	U	2016-2135	CALA-16-124861	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	5.34	—	—	0.05	mg/L	Y	—	NQ	2017-2902	CALA-17-144811	GELC
TA-53i	600.0	08/22/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Potassium	K	Y	5.58	—	—	0.05	mg/L	Y	—	NQ	2016-2135	CALA-16-124877	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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	WG	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	09/25/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	22.9	23	53.3	—	pCi/L	Y	U	U	2017-2902	CALA-17-144818	GELC
TA-53i	600.0	08/22/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Potassium-40	K-40	N	16.6	18.5	31.9	—	pCi/L	Y	U	U	2016-2135	CALA-16-124861	GELC
TA-53i	600.0	09/11/2020	WG	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	09/11/2020	WG	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	09/11/2020	WG	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	09/11/2020	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	58.1	—	—	0.053	mg/L	Y	—	NQ	2017-2902	CALA-17-144811	GELC
TA-53i	600.0	08/22/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Silicon Dioxide	SiO2	Y	62.3	—	—	0.053	mg/L	Y	—	NQ	2016-2135	CALA-16-124877	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	16.9	—	—	0.1	mg/L	Y	—	NQ	2017-2902	CALA-17-144811	GELC
TA-53i	600.0	08/22/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Sodium	Na	Y	17.8	—	—	0.1	mg/L	Y	—	NQ	2016-2135	CALA-16-124877	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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	WG	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	09/25/2017	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	0.123	1.4	4.71	—	pCi/L	Y	U	U	2017-2902	CALA-17-144818	GELC
TA-53i	600.0	08/22/2016	WG	UF	INIT	REG	RAD	EPA:901.1	Sodium-22	Na-22	N	-0.562	0.728	2.65	—	pCi/L	Y	U	U	2016-2135	CALA-16-124861	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	430	—	—	1	µS/cm	Y	—	NQ	2017-2902	CALA-17-144811	GELC
TA-53i	600.0	08/22/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:120.1	Specific Conductance	SPEC_CONDC	Y	360	—	—	3.63	µS/cm	Y	—	NQ	2016-2135	CALA-16-124877	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	238	—	—	1	µg/L	Y	—	NQ	N3B-2019-3371	CALA-19-185303	GELC

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
TA-53i	600.0	09/21/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	215	—	—	1	µg/L	Y	—	NQ	N3B-2018-3938	CALA-18-160759	GELC
TA-53i	600.0	09/25/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	222	—	—	1	µg/L	Y	—	NQ	2017-2902	CALA-17-144811	GELC
TA-53i	600.0	08/22/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Strontium	Sr	Y	228	—	—	1	µg/L	Y	—	NQ	2016-2135	CALA-16-124877	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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	WG	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	09/25/2017	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.139	0.124	0.43	—	pCi/L	Y	U	U	2017-2902	CALA-17-144818	GELC
TA-53i	600.0	08/22/2016	WG	UF	INIT	REG	RAD	EPA:905.0	Strontium-90	Sr-90	N	0.00983	0.133	0.497	—	pCi/L	Y	U	U	2016-2135	CALA-16-124861	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	24.5	—	—	0.665	mg/L	Y	—	NQ	2017-2902	CALA-17-144811	GELC
TA-53i	600.0	08/22/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:300.0	Sulfate	SO4(-2)	Y	21.6	—	—	1.33	mg/L	Y	—	NQ	2016-2135	CALA-16-124877	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1746	CASA-20-199320	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	4	—	—	—	deg C	Y	—	NQ	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/18/2019	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-3371	CALA-19-185302	GELC
TA-53i	600.0	09/18/2019	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2019-3371	CALA-19-185303	GELC
TA-53i	600.0	09/21/2018	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2018-3938	CALA-18-160759	GELC
TA-53i	600.0	09/21/2018	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	3	—	—	—	deg C	Y	—	NQ	N3B-2018-3938	CALA-18-160760	GELC
TA-53i	600.0	09/25/2017	WG	UF	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-2902	CALA-17-144818	GELC
TA-53i	600.0	09/25/2017	WG	F	INIT	REG	VOC	EPA:170.0	Temperature	TEMP	Y	2	—	—	—	deg C	Y	—	NQ	2017-2902	CALA-17-144811	GELC
TA-53i	600.0	09/11/2020	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	7.83	—	—	2.5	µg/L	Y	J	J	N3B-2020-1746	CASA-20-199320	GELC
TA-53i	600.0	09/18/2019	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2019-3371	CALA-19-185303	GELC
TA-53i	600.0	09/21/2018	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	2.5	—	—	2.5	µg/L	Y	U	U	N3B-2018-3938	CALA-18-160759	GELC
TA-53i	600.0	09/25/2017	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	Y	5.67	—	—	2.5	µg/L	Y	J	J	2017-2902	CALA-17-144811	GELC
TA-53i	600.0	08/22/2016	WG	F	INIT	REG	INORGANIC	SW-846:6010C	Tin	Sn	N	10	—	—	2.5	µg/L	Y	U	U	2016-2135	CALA-16-124877	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	241	—	—	3.4	mg/L	Y	—	NQ	2017-2902	CALA-17-144811	GELC
TA-53i	600.0	08/22/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:160.1	Total Dissolved Solids	TDS	Y	281	—	—	3.4	mg/L	Y	—	NQ	2016-2135	CALA-16-124877	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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	WG	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	09/25/2017	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	1.27	—	—	0.33	mg/L	Y	—	NQ	2017-2902	CALA-17-144818	GELC
TA-53i	600.0	08/22/2016	WG	UF	INIT	REG	GENERAL CHEMISTRY	SW-846:9060	Total Organic Carbon	TOC	Y	2.24	—	—	0.33	mg/L	Y	—	NQ	2016-2135	CALA-16-124861	GELC
TA-53i	600.0	09/11/2020	WG	UF	INIT	REG	LCMS/MS PFAS	EPA:537M	Total PFAS	PFAS-Tot-3a	Y	2.06	—	—	—	ng/L	—	—	—	N3B-2020-1746	CASA-20-199319	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	N	0.0914	—	—	0.02	mg/L	Y	—	U	N3B-2019-3371	CALA-19-185303	GELC
TA-53i	600.0	09/21/2018	WG	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	600.0	09/25/2017	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.47	—	—	0.02	mg/L	Y	—	NQ	2017-2902	CALA-17-144811	GELC
TA-53i	600.0	08/22/2016	WG	F	INIT	REG	GENERAL CHEMISTRY	EPA:365.4	Total Phosphate as Phosphorus	PO4-P	Y	0.0409	—	—	0.02	mg/L	Y	J	J	2016-2135	CALA-16-124877	GELC
TA-53i	600.0	09/11/2020	WG	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	600.0	09/18/2019	WG	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	600.0	09/21/2018	WG	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	09/25/2017	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	N	141	50.4	160	—	pCi/L	Y	U	U	2017-2902	CALA-17-144818	GELC
TA-53i	600.0	08/22/2016	WG	UF	INIT	REG	RAD	EPA:906.0	Tritium	H-3	N	49	56.6	193	—	pCi/L	Y	U	U	2016-2135	CALA-16-124861	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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	WG	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	09/25/2017	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.36	—	—	0.067	µg/L	Y	—	NQ	2017-2902	CALA-17-144811	GELC
TA-53i	600.0	08/22/2016	WG	F	INIT	REG	INORGANIC	SW-846:6020	Uranium	U	Y	1.09	—	—	0.067	µg/L	Y	—	NQ	2016-2135	CALA-16-124877	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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	WG	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	09/25/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	1.01	0.0709	0.0916	—	pCi/L	Y	—	NQ	2017-2902	CALA-17-144818	GELC
TA-53i	600.0	08/22/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-234	U-234	Y	0.813	0.0417	0.0767	—	pCi/L	Y	—	NQ	2016-2135	CALA-16-124861	GELC
TA-53i	600.0	09/11/2020	WG	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

Table C-2 Analytical Detects 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	Sample Type	Field Preparation Code	Analysis Type Code	Sample Purpose	Method Category	Lab Method	Parameter Name	Parameter Code	Detected	Report Result	Lab Uncertainty	Report MDA	Report MDL	Report Unit	Best Value	Lab Qualifier	Validation Qualifier	COC #	Field Sample ID	Lab ID
TA-53i	600.0	09/18/2019	WG	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	WG	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	09/25/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.0875	0.0267	0.0978	—	pCi/L	Y	U	U	2017-2902	CALA-17-144818	GELC
TA-53i	600.0	08/22/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-235/236	U-235/236	N	0.023	0.00988	0.0735	—	pCi/L	Y	U	U	2016-2135	CALA-16-124861	GELC
TA-53i	600.0	09/11/2020	WG	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	WG	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	WG	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	09/25/2017	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.479	0.0498	0.0886	—	pCi/L	Y	—	NQ	2017-2902	CALA-17-144818	GELC
TA-53i	600.0	08/22/2016	WG	UF	INIT	REG	RAD	HASL-300:ISOU	Uranium-238	U-238	Y	0.365	0.0281	0.0766	—	pCi/L	Y	—	NQ	2016-2135	CALA-16-124861	GELC

Appendix D

Groundwater Results Greater Than Half of Screening Values

Location	Aquifer	Depth (ft)	Date	Field Prep	Lab Sample Type	Field QC Type	Suite	Method	Analyte	Analyte Code	Detect Flag	Result	MDL	Report Units	Dilution Factor	Lab Qualifier	Validation Qualifier	Validation Reason Codes	Best Value	Lab	Action Limit	Reporting Level Code	Result per Screening Level
R-6i	Intermediate	602.0	08/25/2020	F[a]	INIT[b]	REG[c]	General Chemistry	EPA:300.0	Fluoride	F(-1)	Y[d]	1.06	0.033	mg/L	1.0	—[e]	NQ[f]	NQ	Y	GELC[g]	1.6	NM GW STD[h]	0.66
R-6i	Intermediate	602.0	08/25/2020	UF[i]	INIT	REG	SVOC	SW-846:8270E_SIM	Dioxane[1,4-]	123-91-1	Y	2.75	0.100	µg/L	1.0	—	NQ	NQ	Y	GELC	4.59	NMED A1 TAP SCRN LVL[j]	0.60

[a] F = Filtered.

[b] INIT = Initial.

[c] REG = Regular.

[d] Y = Yes.

[e] — = Not applicable.

[f] NQ = Not qualified.

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

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

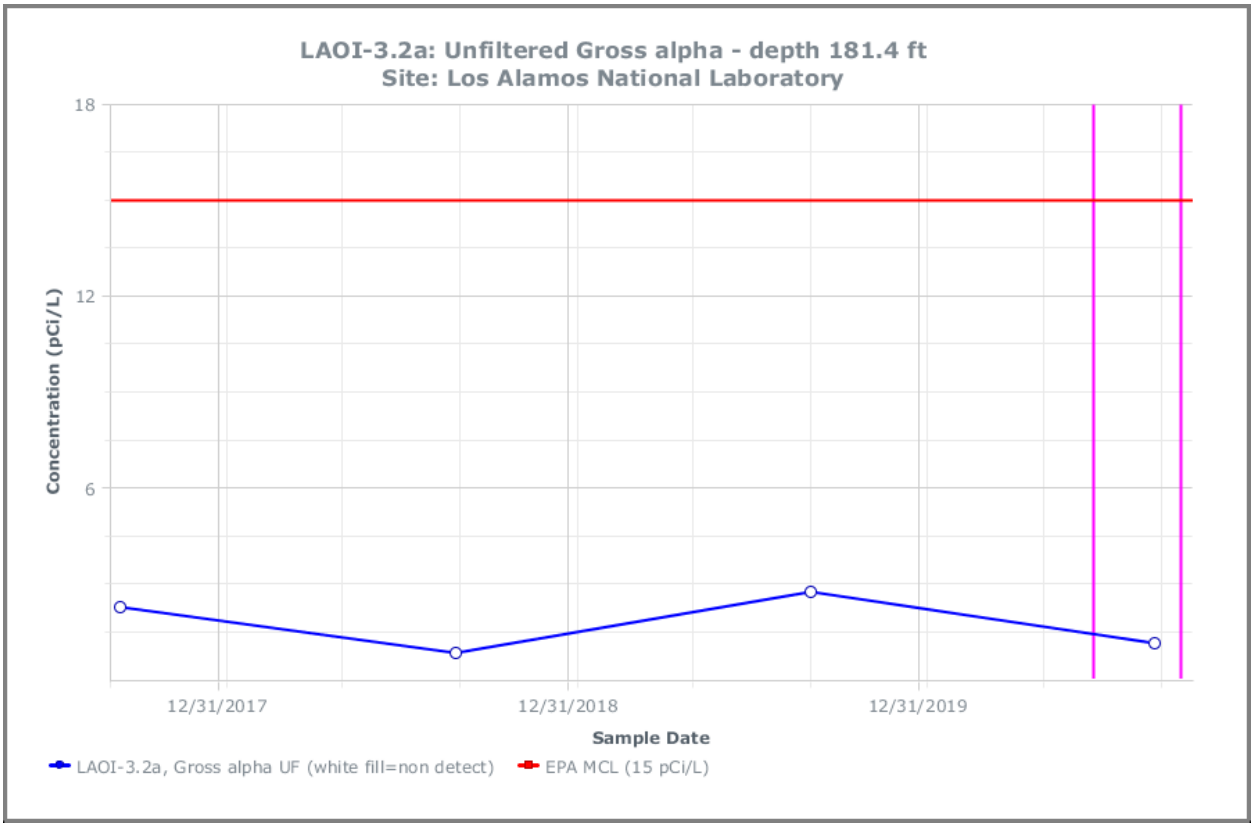
[i] UF = Unfiltered.

[j] 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)

DVD Table of Contents

Chain of Custody	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth	Screen End (Bottom) Depth
N3B-2020-1606	Inorganic	GELC[a]	CALA-20-199292	08/25/2020	R-6	1205.0	1228.0
N3B-2020-1606	Inorganic	GELC	CALA-20-199293	08/25/2020	R-6	1205.0	1228.0
N3B-2020-1606	Inorganic	GELC	CALA-20-199294	08/25/2020	R-6	1205.0	1228.0
N3B-2020-1606	Inorganic	GELC	CALA-20-199295	08/25/2020	R-6	1205.0	1228.0
N3B-2020-1606	Inorganic	GELC	CALA-20-199170	08/25/2020	R-6i	602.0	612.0
N3B-2020-1606	Inorganic	GELC	CALA-20-199171	08/25/2020	R-6i	602.0	612.0
N3B-2020-1606	Organic	GELC	CALA-20-199292	08/25/2020	R-6	1205.0	1228.0
N3B-2020-1606	Organic	GELC	CALA-20-199294	08/25/2020	R-6	1205.0	1228.0
N3B-2020-1606	Organic	GELC	CALA-20-199170	08/25/2020	R-6i	602.0	612.0
N3B-2020-1606	Rad[b]	GELC	CALA-20-199292	08/25/2020	R-6	1205.0	1228.0
N3B-2020-1606	Rad	GELC	CALA-20-199294	08/25/2020	R-6	1205.0	1228.0
N3B-2020-1606	Rad	GELC	CALA-20-199170	08/25/2020	R-6i	602.0	612.0
N3B-2020-1607	Organic	SwRI[c]	CALA-20-199292	08/25/2020	R-6	1205.0	1228.0
N3B-2020-1607	Organic	SwRI	CALA-20-199294	08/25/2020	R-6	1205.0	1228.0
N3B-2020-1607	Organic	SwRI	CALA-20-199170	08/25/2020	R-6i	602.0	612.0
N3B-2020-1614	Inorganic	GELC	CALA-20-199167	08/26/2020	LAOI-7	240.0	259.6
N3B-2020-1614	Inorganic	GELC	CALA-20-199168	08/26/2020	LAOI-7	240.0	259.6
N3B-2020-1614	Inorganic	GELC	CALA-20-199313	08/26/2020	R-9	683.0	748.5
N3B-2020-1614	Inorganic	GELC	CALA-20-199314	08/26/2020	R-9	683.0	748.5
N3B-2020-1614	Inorganic	GELC	CALA-20-199315	08/26/2020	R-9	683.0	748.5
N3B-2020-1614	Inorganic	GELC	CALA-20-199316	08/26/2020	R-9	683.0	748.5
N3B-2020-1614	Organic	GELC	CALA-20-199167	08/26/2020	LAOI-7	240.0	259.6
N3B-2020-1614	Organic	GELC	CALA-20-199313	08/26/2020	R-9	683.0	748.5
N3B-2020-1614	Organic	GELC	CALA-20-199315	08/26/2020	R-9	683.0	748.5
N3B-2020-1614	Rad	GELC	CALA-20-199167	08/26/2020	LAOI-7	240.0	259.6
N3B-2020-1614	Rad	GELC	CALA-20-199313	08/26/2020	R-9	683.0	748.5

Chain of Custody	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth	Screen End (Bottom) Depth
N3B-2020-1614	Rad	GELC	CALA-20-199315	08/26/2020	R-9	683.0	748.5
N3B-2020-1616	Organic	SwRI	CALA-20-199167	08/26/2020	LAOI-7	240.0	259.6
N3B-2020-1616	Organic	SwRI	CALA-20-199313	08/26/2020	R-9	683.0	748.5
N3B-2020-1616	Organic	SwRI	CALA-20-199315	08/26/2020	R-9	683.0	748.5
N3B-2020-1621	Rad	ARSL[d]	CALA-20-199292	08/25/2020	R-6	1205.0	1228.0
N3B-2020-1621	Rad	ARSL	CALA-20-199294	08/25/2020	R-6	1205.0	1228.0
N3B-2020-1621	Rad	ARSL	CALA-20-199313	08/26/2020	R-9	683.0	748.5
N3B-2020-1621	Rad	ARSL	CALA-20-199315	08/26/2020	R-9	683.0	748.5
N3B-2020-1634	Organic	SwRI	CALA-20-199306	08/28/2020	R-64	1285.0	1305.5
N3B-2020-1634	Organic	SwRI	CALA-20-199309	08/28/2020	R-66	819.4	839.7
N3B-2020-1635	Inorganic	GELC	CALA-20-199306	08/28/2020	R-64	1285.0	1305.5
N3B-2020-1635	Inorganic	GELC	CALA-20-199307	08/28/2020	R-64	1285.0	1305.5
N3B-2020-1635	Inorganic	GELC	CALA-20-199309	08/28/2020	R-66	819.4	839.7
N3B-2020-1635	Inorganic	GELC	CALA-20-199310	08/28/2020	R-66	819.4	839.7
N3B-2020-1635	Organic	GELC	CALA-20-199306	08/28/2020	R-64	1285.0	1305.5
N3B-2020-1635	Organic	GELC	CALA-20-199309	08/28/2020	R-66	819.4	839.7
N3B-2020-1635	Rad	GELC	CALA-20-199306	08/28/2020	R-64	1285.0	1305.5
N3B-2020-1635	Rad	GELC	CALA-20-199309	08/28/2020	R-66	819.4	839.7
N3B-2020-1672	Organic	SWRI	CALA-20-199157	09/01/2020	LAOI(a)-1.1	295.2	305.0
N3B-2020-1683	Inorganic	GELC	CALA-20-199157	09/01/2020	LAOI(a)-1.1	295.2	305.0
N3B-2020-1683	Inorganic	GELC	CALA-20-199158	09/01/2020	LAOI(a)-1.1	295.2	305.0
N3B-2020-1683	Organic	GELC	CALA-20-199157	09/01/2020	LAOI(a)-1.1	295.2	305.0
N3B-2020-1683	Rad	GELC	CALA-20-199157	09/01/2020	LAOI(a)-1.1	295.2	305.0
N3B-2020-1692	Inorganic	GELC	CALA-20-199160	09/02/2020	LAOI-3.2	153.3	162.8
N3B-2020-1692	Inorganic	GELC	CALA-20-199161	09/02/2020	LAOI-3.2	153.3	162.8
N3B-2020-1692	Inorganic	GELC	CALA-20-199164	09/02/2020	LAOI-3.2a	181.4	191.0
N3B-2020-1692	Inorganic	GELC	CALA-20-199165	09/02/2020	LAOI-3.2a	181.4	191.0
N3B-2020-1692	Organic	GELC	CALA-20-199160	09/02/2020	LAOI-3.2	153.3	162.8

Chain of Custody	Parameter Category	Lab ID	Field Sample ID	Sample Date	Location ID	Screen Start (Top) Depth	Screen End (Bottom) Depth
N3B-2020-1692	Organic	GELC	CALA-20-199164	09/02/2020	LAOI-3.2a	181.4	191.0
N3B-2020-1692	Rad	GELC	CALA-20-199160	09/02/2020	LAOI-3.2	153.3	162.8
N3B-2020-1692	Rad	GELC	CALA-20-199164	09/02/2020	LAOI-3.2a	181.4	191.0
N3B-2020-1693	Organic	SwRI	CALA-20-199160	09/02/2020	LAOI-3.2	153.3	162.8
N3B-2020-1693	Organic	SwRI	CALA-20-199164	09/02/2020	LAOI-3.2a	181.4	191.0
N3B-2020-1695	Rad	ARSL	CALA-20-199157	09/01/2020	LAOI(a)-1.1	295.2	305.0
N3B-2020-1695	Rad	ARSL	CALA-20-199306	08/28/2020	R-64	1285.0	1305.5
N3B-2020-1695	Rad	ARSL	CALA-20-199309	08/28/2020	R-66	819.4	839.7
N3B-2020-1746	Inorganic	GELC	CASA-20-199319	09/11/2020	TA-53i	600.0	610.0
N3B-2020-1746	Inorganic	GELC	CASA-20-199320	09/11/2020	TA-53i	600.0	610.0
N3B-2020-1746	Organic	GELC	CASA-20-199319	09/11/2020	TA-53i	600.0	610.0
N3B-2020-1746	Rad	GELC	CASA-20-199319	09/11/2020	TA-53i	600.0	610.0
N3B-2020-1751	Organic	SwRI	CASA-20-199319	09/11/2020	TA-53i	600.0	610.0
N3B-2020-1890	Rad	ARSL	CASA-20-199319	09/11/2020	TA-53i	600.0	610.0

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

[b] RAD = Radiochemistry (not gamma).

[c] SWRI = South West Research Institute.

[d] ARSL = American Radiation Services, Inc.